JVC

REVISED

SERVICE MANUAL

REAR PROJECTION TELEVISION

HD-52Z575,
HD-52Z585,
HD-61Z575,
HD-61Z585

BASIC CHASSIS
RP2

HD-ILA™ Powered by D-ILA

D.I.S.T. Digital Image Scaling Technology

BBE

HDMI™ HIGH-DEFINITION MULTIMEDIA INTERFACE

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No.YA092B
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SPECIFICATION

Items		Contents	
		HD-52Z575 **HD-52Z585**	**HD-61Z575** **HD-61Z585**
Dimensions (W x H x D)		126.4cm x 91.4cm x 41.2cm (49-7/8" x 36 x 16-1/4")	145.6cm x 104.2cm x 47cm (57-3/8" x 41 x 18-1/2")
Mass		37.8kg (84lbs)	44.3kg (98lbs)
TV RF System		CCIR (M)	
Color System		NTSC	
Sound System		BTSC (Multi Channel Sound)	
Teletext System		Closed Caption (T1-T4 / CC1-CC4)	
TV Receiving Channels and Frequency	VHF Low	54MHz~88MHz (02ch~06ch)	
	VHF High	174MHz~216MHz (07ch~13ch)	
	UHF	470MHz~806MHz (14ch~69ch)	
	CATV	54MHz~804MHz Low Band : 02~06 by 02~06 High Band : 07~13 by 07~13 Mid Band : A~I by 14~22 Super Band : J~W by 23~36 Hyper Band : W+1~W+28 by 37~64 Ultra Band : W+29~W+84 by 65~94, 100~125 Sub Mid Band : A-8, A-4~A-1 by 01, 96~99	
TV / CATV Total Channel		180 Channels	
Intermediate Frequency	Video IF	45.75MHz	
	Sound IF	41.25MHz (4.5MHz)	
Color Sub Carrier		3.58MHz	
Power Input		AC120V, 60Hz	
Power Consumption		195W (Max)	
Projection Source		110W High-pressure mercury lamp	
Projection Device		D-ILA device (Reflection active matrix type LCD) x 3(R / G /B)	
Resolution		Total=H:1312 x V:800 [Effective =H:1280 x V:720]	
Screen		Transparent screen (unitized fresnel lens / lenticular lens), aspect ratio 16:9	
Screen Size		52" (132cm) Measured diagonally H:115.1cm(45-3/8") x V:64.8cm(25-5/8")	61" (155cm) Measured diagonally H:135cm(53-1/4") x V:76cm(30")
Speaker		10cm round x 2 (Oblique corn)	
Audio Power Output		10W+10W	
Antenna Terminal (VHF/UHF)		75Ω unbalanced, coaxial, F-type connector x 1	
External Input [INPUT-1/2/3/4]	Video	1V(p-p), 75 Ω, negative sync (RCA pin jack x 4)	
	Audio	500mV(rms) (-4dBs), high impedance (RCA pin jack x 8)	
	S-Video [INPUT-1/3/4]	Mini-DIN 4pin connector x 3 Y: 1V(p-p), positive, 75Ω, negative sync C: 0.286V(p-p) (burst signal)	
	Component Video [INPUT-1/2]	RCA pin jack x 6	
	720p/1080i	Y: 1V(p-p), (Sync signal : ±0.35V, 3-value sync.), 75Ω Pb/Pr : ±0.35V, 75Ω	
	480p/480i	Y: 1V(p-p), positive (negative sync), 75Ω Pb/Pr : 0.7V(p-p), 75Ω	
Digital Input		HDMI connector x 1 (This Digital-in terminal is not compatible with picture signals of personal computer.)	
	Video	HDMI connector	
	Audio	Digital : HDMI connector Analog : 500mV(rms) (-4dBs), high impedance (RCA pin jack x 2)	
Audio Output (VARI/FIX)		VARI : More than 0 to 1000mV(rms) (+2.2dBs) FIX : 500mV(rms) (-4dBs), low impedance (1kHz when modulated 100%) (RCA pin jack x 2)	
Sub woofer Output		More than 0 to 1000mV(rms) (+2.2dBs) (RCA pin jack x1)	
Center channel Input		500mV(rms) (-4dBs), high impedance (RCA pin jack x1)	
AV Compulink III		3.5mm mini jack x 1	
Remote Control Unit		RM-C15G (AA/R6/UM-3 battery x 2)	

Design & specifications are subject to change without notice.

SECTION 1
PRECAUTIONS

1.1 SAFETY PRECAUTIONS

(1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts that have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

(4) **Use isolation transformer when hot chassis.**
The chassis and any sub-chassis contained in some products are connected to one side of the AC power line. An isolation transformer of adequate capacity should be inserted between the product and the AC power supply point while performing any service on some products when the HOT chassis is exposed.

(5) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED(NEUTRAL) : (⏚) side GND and EARTH : (⏚⃝) side GND. Don't short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND and never measure with a measuring apparatus (oscilloscope etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND at the same time.
If above note will not be kept, a fuse or any parts will be broken.

(6) The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.

(7) If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).

(8) Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.

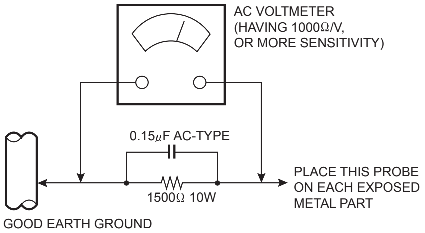
(9) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(10) **Isolation Check**
(Safety for Electrical Shock Hazard) After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screwheads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 1100V AC (r.m.s.) for a period of one second.
(. . . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires test equipment not generally found in the service trade.

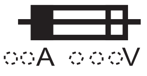
b) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s).

- **Alternate Check Method**
  Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
  However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).

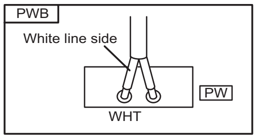


(11) **High voltage hold down circuit check.**
After repair of the high voltage hold down circuit, this circuit shall be checked to operate correctly.
See item **"How to check the high voltage hold down circuit"**.

This mark shows a fast operating fuse, the letters indicated below show the rating.



POWER CORD REPLACEMENT WARNING.
Connecting the white line side of power cord to "WHT" character side.



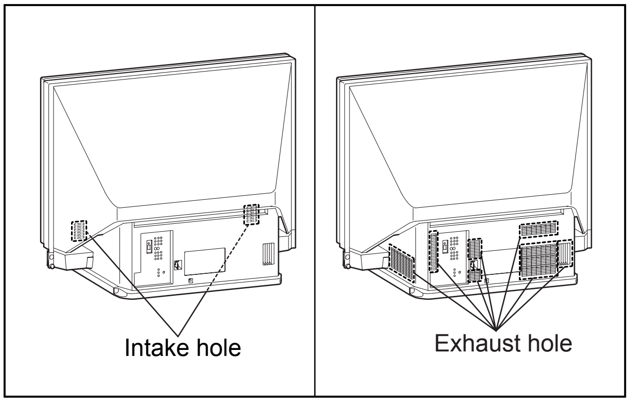
1.2 INSTALLATION

1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the predetermined level and power will be turned off automatically.
Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

⚠ **Do not put foreign objects near the ventilation holes as this can result in fire or electrical hazards.**

⚠ **Do not block the ventilation holes as this may cause the internal temperature to rise and possibly result fire.**



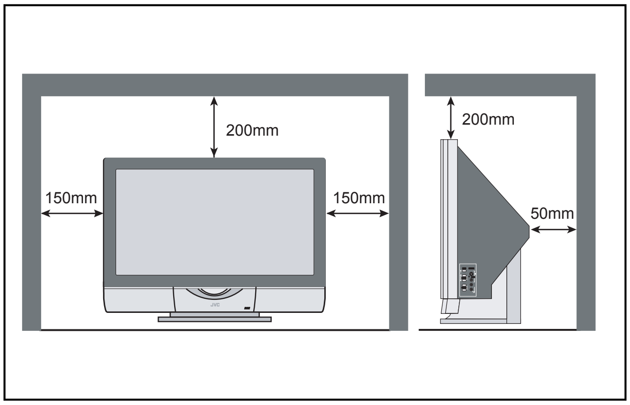
VENTILATION POSITION

1.2.2 INSTALLATION REQUIREMENTS

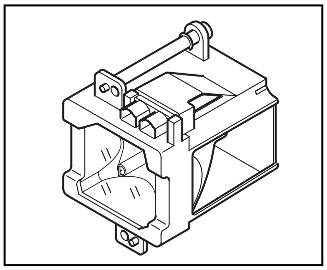
Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc.
Install the unit on stable flooring.
Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.

CAUTION FOR INSTALLATION

- Do not tilt the TV towards the left or right, or toward the back.
- Install the TV in a corner on the floor so as to keep cords out of the way.
- The TV will generate a slight amount of heat during operation. Ensure that sufficient space is available around the TV to allow satisfactory cooling.



1.3 LAMP UNIT HANDLING CAUTION



LAMP UNIT : TS-CL110UAA

1.3.1 PRECAUTION FOR LAMP UNIT

⚠ **The lamp emits high intensity white, ultraviolet and infrared light. Do not look directly at the light during service. Also, do not touch the lamp directly as it presents a burn hazard.**

⚠ **Handle with extra care. This lamp emits high heat and contains high-pressure during use.**

⚠ **Do not give any impact as this may cause the broken lamp.**

1.3.2 HOW TO CONFIRM LAMP OPERATING TIME

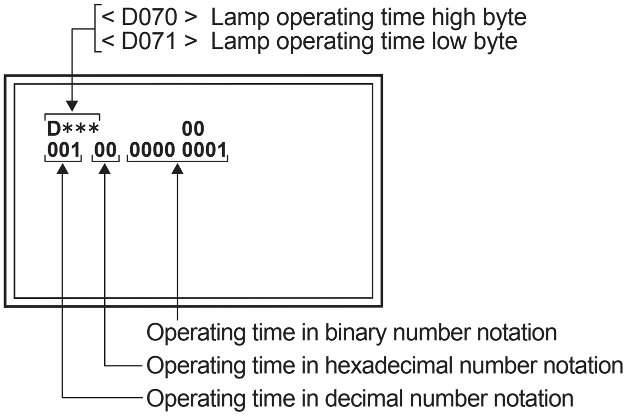
(1) Set to 0 minutes using the [SLEEP TIMER] key.
(2) Press the [VIDEO STATUS] key and [DISPLAY] key simultaneously, then enter the SERVICE MODE.
(3) When the Main Menu is displayed, press [4] key to enter the setting display for designing.
(4) Press [CH+] / [CH-] key to select the addresses (items).

NOTE :

- Confirmation of the information can be done by selecting addresses (items) below.
  Display position is in the far right side in the 2nd row from the top, as displayed below.

1.3.3 LAMP OPERATING TIME

- MAXIMUM COUNT TIME : 65535 hours


< D070 > Lamp operating time high byte
< D071 > Lamp operating time low byte
D***
00
001
00
0000 0001
Operating time in binary number notation
Operating time in hexadecimal number notation
Operating time in decimal number notation

1.3.4 LAMP UNIT REPLACEMENT

(1) The lamp replacement message will appear when need to change the lamp. After replace the lamp, need to reset the timer which is built into TV.
(2) Life of the lamp unit is about 5000 hours over. Lamp use time can be check at the lamp message MENU.
(3) If Fig.1 message appears when turn the TV on, need to replace the lamp.
(4) Use the lamp timer reset only after replacing the lamp.

NOTE :

- This message will appear every time turn on the TV, when the lamp needs to be replaced. Press the [OK] key to make the message disappear, or replace the lamp.

LAMP NEEDS TO BE REPLACED.
REFER TO OWNER'S MANUAL FOR
REPLACEMENT INSTRUCTIONS.

AFTER REPLACING THE LAMP,
PLEASE RESET TIMER IN THE TV
MENU.

PRESS OK, IF YOU DO NOT WAN
TO SEE THIS MESSAGE AGAIN.

Fig.1 LAMP REPLACEMENT MESSAGE

1.3.5 HOW TO REPLACE THE LAMP UNIT

- Refer to the **[USERS GUIDE]** for a detailed operating description.

(1) Turn off the TV power with power key.
(2) Disconnect the power cord from the AC outlet.
(3) Loosen 1 screw from the rear side, then take out the the left speaker panel.
(4) Loosen 1 screw then take out the lamp cover.
(5) Loosen 2 screws then take out the lamp unit.
(6) Install the new lamp unit.
(7) Re-install the lamp cover.
(8) Re-install the left speaker panel.
(9) Re-install the screw to the rear panel.

NOTE :

- After installing the new lamp unit, do not forget to reset the lamp timer.

1.3.6 HOW TO RESET THE LAMP TIMER

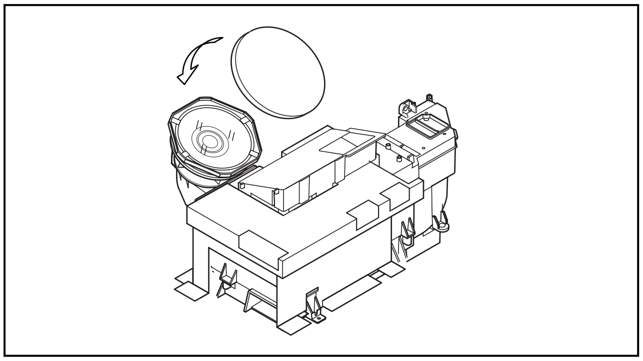
- Refer to the **[USERS GUIDE]** for a detailed operating description.

(1) Press the [MENU] key to select CLOCK / TIMERS.
(2) Select the <LAMP TIMER RESET> with [▲] / [▼] keys.
(3) Enter the <LAMP TIMER RESET> mode the message will appears.
(4) Press the [OK] key while the above message appears on the screen.
(5) Turn off the power, then turn on the power.
(6) The lamp timer has now been reset, as before the 1.3.2 HOW TO CONFIRMATION LAMP OPERATING TIME.

1.3.7 PRECAUTION FOR REPLACEMENT

- Do not replace the LAMP UNIT immediately after the projector has been used.
- The temperature of the LAMP UNIT is still high and could cause a burn.
- Allow a cooling period of 1 hour or more before performing replacement.
- Before starting LAMP UNIT replacement work, turn off the MAIN POWER switch, and disconnect the AC power cord plug from the wall outlet.
- If touched, the lamp glass surface may rupture and burns may result. Do not touch the glass portion or metal portion. Handle only plastic handle.
- The replaced old lamp can be discarded in the same manner as a fluorescent lamp. Check local ordinances and dispose of the used lamp as prescribed.

1.4 SERVICE PARTS KIT INSTRUCTIONS



OPTICAL / DRIVE ASS'Y : TS-COP5A-SAA

Due to the character of this product, these OPTICAL / DRIVE ASS'Y are prepared.
Please note these OPTICAL /DRIVE ASS'Y when replacing or ordering the parts.

1.4.1 PART NUMBER AND CONSTRUCTION

Kit parts number	Kit part name
TS-COP5A-SAA	OPTICAL / DRIVE ASS'Y

1.4.2 OPTICAL / DRIVE ASS'Y CONSTRUCTION

(1) OPTICAL BLOCK
(Included HD-ILA DEVICE, PROJECTION LENS)
(2) OPTICAL BASE
(3) MAIN DRIVE PWB ASS'Y
This PWB is mounted with 2 memory ICs saved with adjustment, setting data of the drive circuit.
(4) SHIELD TAPE

*** The following parts are not included in the kit.**

1) REMOTE SENSOR PWB ASS'Y
2) FAN CONTROL PWB ASS'Y
3) LAMP UNIT
4) FRONT SHADE BRACKET
5) SHADE COVER

1.4.3 PRECAUTION FOR USING

(1) In the case of the following defects/problems, replace this kit (OPTICAL/DRIVE ASS'Y)
  1) Picture defect caused by optical system/D-ILA device related parts.
  2) Picture defect caused by drive circuit.

(2) The MAIN DRIVE PWB ASS'Y is mounted with 2 memory ICs [IC3741/IC3742] saved with adjustment/setting data (GAMMA, SHADING, etc.) of the drive circuit.
The data of this memory IC is in the optimal state according to individual D-ILA devices and each section of the OPTICAL BLOCK.

(3) When replace the MAIN DRIVE PWB ASS'Y, take off the 2 memory ICs from the original board and replace with new one. When replace the MAIN DRIVE PWB ASS'Y, do same manner. Replace 2 memory ICs.

(4) When installing this kit (OPTICAL/DRIVE ASS'Y) to the set, first mount the FRONT SHADE BRACKET and SHADE COVER (with cushion) to the kit (lens section).

(5) After the replacement of the OPTICAL BLOCK, projection lens focus adjustment and drive convergence / projection adjustment are required.

1.5 SCREEN HANDLING CAUTIONS

1.5.1 SCREEN STORAGE

Store the SCREEN ASS'Y in a standing position in order to avoid deformation. If the screen is stored horizontally, there is risk of deforming the screen face.
When necessary to place the SCREEN ASS'Y horizontally, position the screen side upwards and sure to place spacers between the screen and resting site (floor or stand etc.) to prevent the screen from sagging.

1.5.2 SCREEN SURFACE

Since the screen surface is easily scratched or soiled, use ample care when handling.

1.5.3 PRECAUTIONS FOR CLEANING AND REPLACEMENT

- The SCREEN ASS'Y is made from the lenticular lens and fresnel lens.
  The anti static proceeding and the surface of the lenticular lens.
  Rubbing the surface with something hard, the coating may peel off.
- When the screen is dirty, gently wipe it with a soft cloth.
  If the screen is very dirty, wipe it down with a cloth dipped in a diluted kitchen cleaner (neutrality detergent) and thoroughly wrung-out.
  Then wipe immediately after with clean, dry cloth.
  Never use the organic solvent such as the alcohol or benzine.
- The SCREEN ASS'Y replacement is required if the coating was peel off.
  Alkaline detergent or acidity detergent can not be be used.
- The notched side of the lenticular lens and the fresnel lens are faced each other.
- Do not rub the screen when cleaning it or replaceing it.
  Rubbing the screen may cause of the scratch of the screen by its notch.

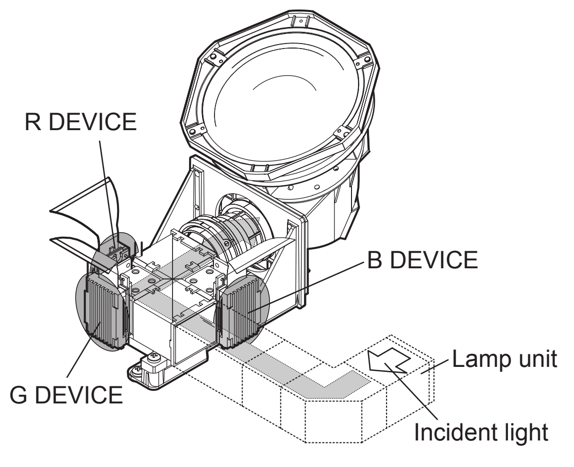
SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

2.1 TECHNICAL INFORMATION

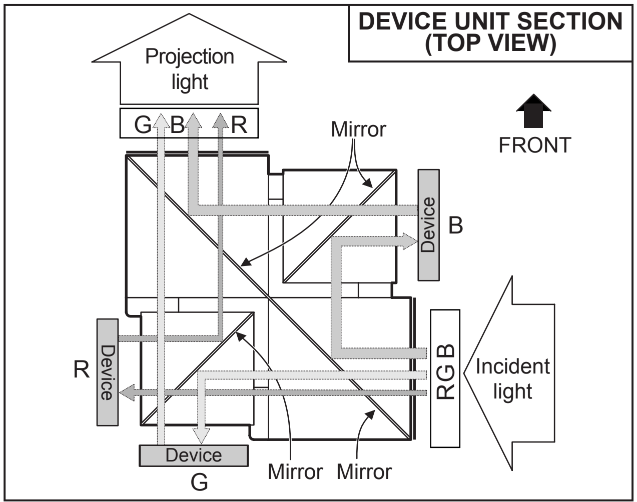
2.1.1 DIFFERENCE LIST

Items	HD-52Z575 / HD-61Z575	HD-52Z585 / HD-61Z585
SMART SOUND	Non	Built-in
SMART CAPTION	Non	Built-in
FRONT CABINET	Silver	Black

2.1.2 PROJECTION UNIT


R DEVICE
B DEVICE
Lamp unit
G DEVICE
Incident light

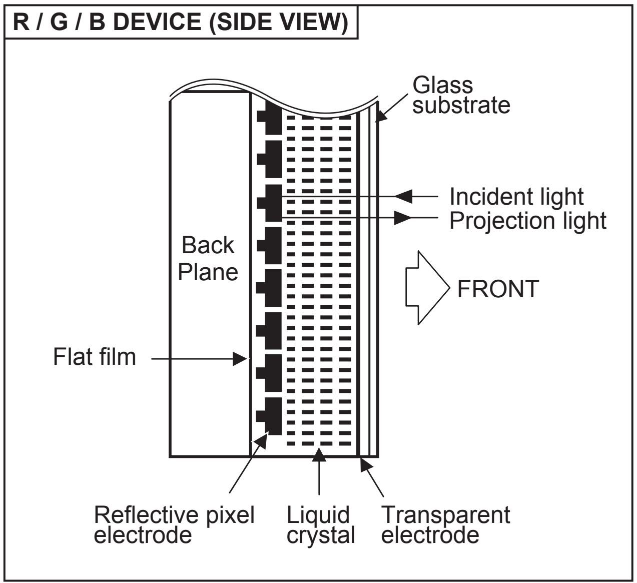
2.1.3 IMAGE LIGHT FLOW

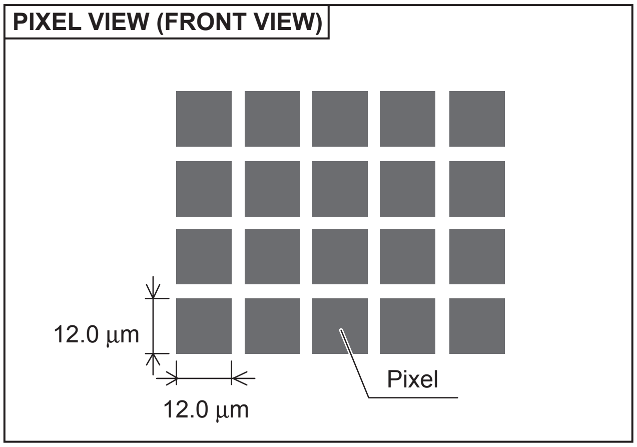

DEVICE UNIT SECTION (TOP VIEW)
Projection light
G B R
Mirror
FRONT
Device
B
R
Device
RGB
Incident light
Device
G
Mirror
Mirror

2.1.4 D-ILA DEVICE SPECIFICATION

Item	Content
Resolution	H:1312 x V:800
Pixel number	about 3200000
Pixel size	H :12.0µm x V :12.0µm
Aspect ratio	16 : 9
Contrast ratio	1000 : 1
Aperture ratio	93% or more
Effective pixel measurement	0.7 inch

2.1.5 D-ILA DEVICE STRUCTURE


R / G / B DEVICE (SIDE VIEW)
Glass substrate
Incident light
Projection light
Back Plane
FRONT
Flat film
Reflective pixel electrode
Liquid crystal
Transparent electrode


PIXEL VIEW (FRONT VIEW)
12.0 µm
12.0 µm
Pixel

2.1.6 MAIN CPU PIN FUNCTION (IC7601 : M306V7FGF-088FP) [DIGITAL SIGNAL PWB ASS’Y]

Pin	Port	Pin name	I/O	Function
1	VHOLD1	VHOLD1	I	Data slice for main screen closed caption
2	HFLT1	HFLT1	I/O	LPF for main screen closed caption video input
3	P9.4		O	Not used
4	P9.3		O	Not used
5	P9.2	DIGRO	O	R [0] for OSD
6	P9.1	TB1IN	I	AC power for timer clock
7	P9.0	REMO	I	Remote control
8	BYTE	BYTE	I	Data bus width select [L = 16bit (fixed)]
9	CNVss	CNVss	I	CPU programming mode select [Normal = L]
10	P8.7	DIGGO	O	G [0] for OSD
11	P8.6	DIGBO	O	B [0] for OSD
12	RESET	RESET	I	Reset for main CPU [Reset = L]
13	XOUT	XOUT	O	System clock osillation (crystal) : 16MHz
14	Vss	Vss	-	GND
15	XIN	XIN	I	System clock osillation (crystal) : 16MHz
16	VccI	VccI	I	3.3V stand-by power supply
17	OSC1	OSC1	I	Clock for OSD
18	OSC2	OSC2	O	Not used : Clock for OSD
19	P8.3	INT1	I	AV COMPULINK control
20	P8.2	INT0	I	Request for sub(chassis) CPU communication (serial data)
21	OUT1	OUT1	O	Ys (blanking) for OSD
22	OUT2	OUT2	O	YM (transparence) for OSD
23	P7.7		O	Not used
24	P7.6		O	Not used
25	P7.5		O	Not used
26	P7.4		O	Not used
27	P7.3	CTA2/RTS2	O	Not used : Digital tuner control
28	P7.2	CLK2	O	Not used : Digital tuner control
29	P7.1	RxD2	I	Not used : Digital tuner control
30	P7.0	TxD2	O	Not used : Digital tuner control
31	P6.7	SDA2	I/O	Not used
32	DIGR1	DIGR1	O	R [1] for OSD
33	DIGG1	DIGG1	O	G [1] for OSD
34	DIGB1	DIGB1	O	B [1] for OSD
35	P6.3	TxDO	I	Data receive (serial) for external programming
36	P6.2	RxDO	O	Data transmission (serial) for external programming
37	P6.1	CLKO	I	Clock for external programming
38	P6.0	RTSO	O	Busy for external programming [Operation = H]
39	P5.7		I	Not used
40	P5.6		O	Not used
41	HOLD	HOLD	I	CPU programming mode select [Normal = H]
42	P5.4		O	Not used
43	P5.3		O	Not used
44	P5.2		O	Not used
45	P5.1		O	Not used
46	P5.0	WR	O	CPU programming mode select [Normal = L]
47	P4.7	MICON_TX	O	Data transmission for sub(chassis) CPU communication (serial)
48	P4.6	MICON_RX	I	Data receive for sub(chassis) CPU communication (serial)
49	P4.5	MI_CLK	I	Clock for sub(chassis) CPU communication (serial)
50	P4.4		O	Not used
51	P4.3		O	Not used
52	P4.2		O	Not used
53	P4.1		O	Not used
54	P4.0		O	Not used
55	P3.7		O	Not used
56	P3.6		O	Not used
57	P3.5		O	Not used
58	P3.4		O	Not used
59	P3.3		O	Not used
60	P3.2		O	Not used
61	P3.1		O	Not used
62	HSYNC	HSYNC	I	H. sync for OSD
63	P3.0		O	Not used
64	VSYNC	VSYNC	I	V. sync for OSD
65	P2.7		O	Not used
66	P2.6		O	Not used
67	P2.5		O	Not used
68	P2.4		O	Not used
69	P2.3		O	Not used
70	P2.2		O	Not used
71	P2.1		O	Not used
72	P2.0		O	Not used
73	P1.7		O	Not used
74	P1.6		O	Not used
75	P1.5		O	Not used
76	P1.4		O	Not used
77	P1.3		O	Not used
78	P1.2		O	Not used
79	P1.1		O	Not used
80	P1.0		O	Not used
81	P0.7		O	Not used
82	P0.6		O	Not used
83	P0.5		O	Not used
84	P0.4	WAKE	O	Reset for sub(chassis) CPU
85	P0.3	CARD_DET	I	Not used : Card detection for ATSC digital tuner
86	P0.2	POWER_SW	I	Not used : Power switch (mechanical) detection
87	P0.1	SDA0	I/O	Data for Inter IC (serial) bus control : memory
88	P0.0	SCL0	O	Clock for Inter IC (serial) bus control : memory
89	P10.7	DIGR2	O	R [2] for OSD
90	P10.6	DIGG2	O	G [2] for OSD
91	P10.5	DIGB2	O	B [2] for OSD
92	P10.4		O	Not used
93	P10.3	KEY1	I	Key scan data for front control button (MENU/CH+/CH-) KEY2
94	P10.2	KEY0	I	Key scan data for front control button (VOL+/VOL-) KEY1
95	VHOLD2	VHOLD2	I	Data slice for sub screen closed caption
96	HLF2	HLF2	I/O	LPF for sub screen closed caption video input
97	CVIN2	CVIN2	I	Video(Y) for sub screen closed caption
98	TVSETB	TVSETB	I	Test terminal [L Fixed]
99	VCCE	VCCE	I	5V stand-by power supply
100	CVIN1	CVIN1	I	Video(Y) for main screen closed caption

2.1.7 SUB (CHASSIS) CPU PIN FUNCTION (IC7001 : MN102H60KPA) [DIGITAL SIGNAL PWB ASS'Y]

Pin	Port	Pin name	I/O	Function
1	P60	LB PRO	O	Not use
2	P61	P MU	O	Picture muting [Muting = H]
3	P62/FUNC LED	JP_CSB	O	Not use (NC)
4	P63	A MU	O	Audio muting [Muting = H]
5	P50	M MU	O	Audio muting (for AUDIO OUT) [Muting = H]
6	P51/PC SW	PC SEL	O	Not use : RGB(PC) INPUT select
7	P52/DIMMER LED	ON_TIMER	O	POWER INDICATOR (LED) brightness [LOW = L]
8	P53/BL ON	ILA0	O	Not use : LCD back light lighting
9	P54/BL 5060	ILA1	O	Not use : LCD panel overshoot refresh timing
10	P55	ILA2	O	Not use
11	P56	POW LED	O	POWER LED lighting [ON = H]
12	P57	WORD	O	Not use
13	SBT2	MI_CK	I	Clock for SUB (OSD) CPU communication
14	SBI2	MI_TX	I	Data receive for SUB (OSD) CPU communication
15	SBO2	MI_RX	O	Data transmission for SUB (OSD) CPU communication
16	P23/REQ	MI_REQ	O	Data request for SUB (OSD) CPU communication [Request = L]
17	VDD	3.3V	I	3.3V power supply
18	PB0	FOSC	O	Not use (NC)
19	VSS	GND		Ground
20	XI	3.3V	I	Not use : Low speed oscillatior
21	XO		O	Not use : Low speed oscillatior
22	VDD	3.3V	I	3.3V power supply
23	OSCI	OSCI	I	System clock osillation (crystal) : 16MHz
24	OSCO	OSCO	O	System clock osillation (crystal) : 16MHz
25	MODE	3.3V	I	Single chip mode
26	P24	BS1.5CTL	O	Not use : Digital tuner power / reset control
27	P25	A92 RST	O	Reset for IC1001(3D YC SEP / COLOR DEMODULAT) [Reset = H]
28	P26	BS RST	O	Not use: Reset for Digital tuner power / reset control
29	P27	LIP RST	O	Not use: Reset for Sound delay (Lip sync)
30	KI0	SOFT_OFF	O	Not use
31	KI1	VMUTE	I	No use : Picture muting request from digital tuner
32	KI2	VOUTENB	O	No use : Video cutoff for digital tuner
33	P33	MDR CON	I	No use : System cable connection monitor for PDP
34	AVDD	3.3V	I	3.3V power supply
35	P34		O	Not use : Digital tuner power control
36	P35	DSYNC SW2	O	Sync select for DIGITAL-IN [Cotrolled with 99-pin]
37	P36	LB_POW	O	Not use : Power control for low bias line
38	P37		O	Not use (NC)
39	P40	HOTPLUG	I	Not use : Video communiation monitor for receiver unit (PDP)
40	P41	MECA SW	I	Mechanical monitor for POWER switch [Push = L]
41	P42	MAIN POW	O	Main power control [ON = L]
42	P43	VARI/FIX	O	AUDIO OUT output mode select [VARI ABLE = L]
43	VREF-		I	Not use
44	AN4/EE	AFT2	I	Not use : AFT voltage for sub tuner
45	AN5	AFT1	I	AFT voltage for VHF/UHF tuner
46	AN6	KEY2	I	Key scan data for front switc (MENU/CH+/CH-)
47	AN7	KEY1	I	Key scan data for front switch (VOL+/VOL-)
48	P80		O	Not use (NC)
49	P81		O	Not use (NC)
50	TM0IO	AC IN	I	AC power pulse for timer clock
51	SBI3	BS TXD	O	Not use : Data transmission for digital tuner communication
52	SBO3	BS RXD	I	Not use : Data receive for digital tuner communication
53	P85		O	Not use (NC)
54	VREF+	3.3V	I	3.3V power supply
55	SBI4	PDP TX	O	Data transmission for SUB (DRIVE) CPU communication
56	SBO4	PDP RX	I	Data receive for SUB (DRIVE) CPU communication
57	P90	SDA0	I/O	Data for Inter IC (serial) bus : EEP-ROM (IC7002)
58	P91	SCL0	O	Clock for Inter IC (serial) bus : EEP-ROM (IC7002)
59	P92	SDA DVI	I/O	Not use : Data for Inter IC (serial) bus for panel communication
60	P93	SCL DVI	O	Not use : Clock for Inter IC (serial) bus for panel communication
61	AVSS	GND		Ground
62	AN0/DIN PH	DIGII_PHOT	I	Photo sensor for DIGITAL-IN illegal copy protection
63	AN1	ATSC REC	I	Not use
64	AN2		I	Not use
65	AN3		I	Not use
66	VDD	3.3V	I	3.3V power supply
67	P70/DIN PRO	DIGI_PRO	O	for DIGITAL-IN (HDMI)
68	P71		O	Not use (NC)
69	P72		O	Not use (NC)
70	P73	SYNC SEL	O	Not use : Sync select for digital tuner
71	SBI1		O	Not use (NC)
72	SBO1		O	Not use (NC)
73	*	SBD5	I/O	Not use : Data for writing on board (connect CN01P : for Frash ROM type)
74	*	SBT5	I	Not use : Clock for writing on board (connect CN01P : for Frash ROM type)
75	NMI	3.3V	I	3.3V power supply
76	IRQ0	COMP	I	AV COMPULINK áV control
77	IRQ1	REMOCON	I	Remote control
78	IRQ2	V SYNC	I	V. sync pulse
79	IRQ3	WAKEUP SHM	I	Reset for sub(chassis) CPU
80	IRQ4	POWERGOOD	I	Power error detection [NG = H]
81	PA5/REC LED	LAMP LED	O	LAMP LED lighting [Lighting = H]
82	VDD	RST	I	Reset for MAIN CPU [Reset = L]
83	RST	3.3V	I	3.3V power supply
84	P00	SCL3A	O	Clock for Inter IC (serial) bus control :
85	P01	SDA3A	I/O	Data for Inter IC (serial) bus control :
86	P02	SCL3B	O	Clock for Inter IC (serial) bus control :
87	P03	SDA3B	I/O	Data for Inter IC (serial) bus control :
88	P04/DIN SEL	DIGI_SYNCSEL	O	Not use
89	P05	LR SW	O	for DIGITAL-IN (HDMI)
90	P06/DIN INT	DIGI_INT	I	Reset for HDMI process [Reset =]
91	P07	DVI RST	O	Not use : Reset for DVI format conversion
92	VSS	GND		Ground
93	P10	SCL5055	O	Clock for Inter IC (serial) bus : JCC5055 (DIST process)
94	P11/BS CLK SEL	VFORMATSEL	O	Not use : Digital tuner clock control
95	P12	SDA5055	I/O	Data for Inter IC (serial) bus : JCC5055 (DIST process)
96	P13	OSD MODE SEL	O	Not use : OSD mode select
97	P14		O	Not use (NC)
98	P15	15K/OTH	O	Main video select [Fixed H]
99	P16	DSYNC SW1	O	Sync select for DIGITAL-IN [Cotrolled with 36-pin]
100	P17	JCC5057 BUSY	I	Busy monitor for JCC5057 (New DIST process)

2.1.8 SYSTEM RESET

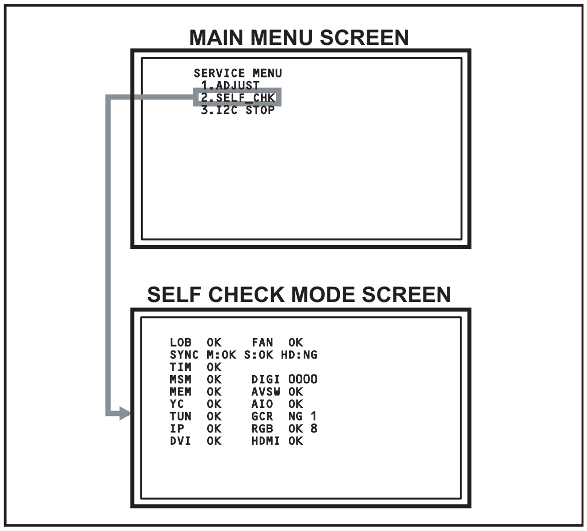
When the DIGITAL SIGNAL PWB is replaced or the DIGITAL INPUT is not normal, reset the SYSTEM SETTING using the following procedure.

(1) Set to 0 minutes using the [SLEEP TIMER] key.
(2) Press the [VIDEO STATUS] key and [DISPLAY] key simultaneously to enter the SERVICE MODE.
(3) When the Service Menu is displayed, press [2] key to enter the self check mode.
(4) Turn off the power by pressing the [POWER] key on the remote control unit.

When DIGITAL INPUT does not function normal using the method above mentioned, perform the following operation.

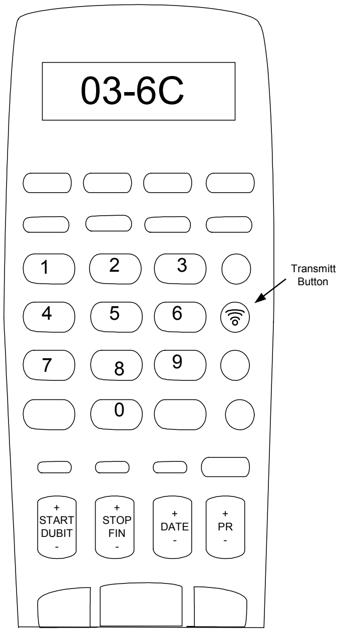
- Remote control unit (with LC display) [LP20873-009] will be required for this operation.

(1) Take out the batteries from the remote control unit.
(2) Insert the batteries while pressing and holding [4], [5] and [6] keys simultaneously.
(3) While viewing the LC display of the remote control unit (LP20873-009), set the value to [0] using the [START DEBUT +] / [START DEBUT -] keys.
(4) In the same manner, set the value to [3] using the [STOP FIN +] / [STOP FIN -] keys.
(5) In the same manner, set the value to [6] using the [DATE +] / [DATE -] keys.
(6) In the same manner, set the value to [C] using the [PR +] / [PR -] keys.
(7) When completed with all of the above settings, press the [Transmission] key.



```
SERVICE MENU
 1.ADJUST
 2.SELF_CHK
 3.I2C STOP
```

```
LOB  OK     FAN  OK
SYNC M:OK S:OK HD:NG
TIM  OK
MSM  OK     DIGI 0000
MEM  OK     AVSW OK
YC   OK     AIO  OK
TUN  OK     GCR  NG 1
IP   OK     RGB  OK 8
DVI  OK     HDMI OK
```



SECTION 3
DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE

- Make sure that the power cord plug is pull out from the AC wall outlet.
- Wait until the LAMP UNIT has cool down is completely.
- While not in repair service, place the chassis back its original position.

CAUTION AT DISASSEMBLY

- Pay extra attention in the following matter when turning the power on with the BODY COVER removed.
  (1) Prior to disassembly, unplug the power cord from the AC outlet without fail. (Turn the power "off".)
  (2) Make sure that the **REAR JACK PWB: IC2081** is completely covered with black masking tape. (Fig.1)
  (3) Make sure to remove the masking of **REAR JACK: IC2081** when attaching the BODY COVER.
  (4) Do not turn the power on until the BODY COVER is attached properly, after the masking is removed.

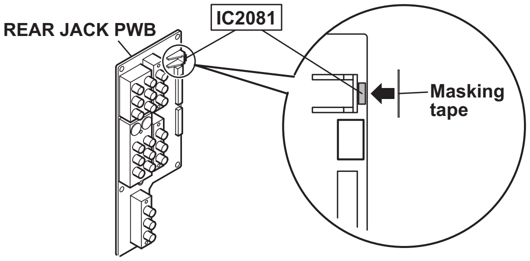


Fig.1

<FRONT SIDE>

3.1.1 SPEAKER GRILL (L & R)

(1) Remove 1 screw **[A]** from right rear side.
(2) Remove 1 screw **[B]** from left rear side.
(3) Take out the SPEAKER GRILL (L& R).

3.1.2 SPEAKER

- Take out the SPEAKER GRILL.
  (1) Remove 4 screws **[C]**.
  (2) Take out the SPEAKER.
  * Remove the both side SPEAKER same manner.

3.1.3 FRONT PANEL

- Take out the SPEAKER GRILL.
  (1) Remove 4 screws **[D]**.
  (2) Take out the FRONT PANEL.

3.1.4 LAMP COVER

- Take out the SPEAKER GRILL of LEFT SIDE.
  (1) Remove 1 screw **[E]**.
  (2) Take out the LAMP COVER.

NOTE :
- Do not leave the LAMP COVER removed for long time to prevent dirt and dust form covering the lens.
- Make sure that the LAMP COVER is completely installed.

3.1.5 FRONT LED PWB

- Take out the SPEAKER GRILL.
- Take out the FRONT PANEL.
  (1) Remove 2 screws **[F]** from rear side of FRONT PANEL.
  (2) Take out the FRONT LED PWB.

3.1.6 FILTER COVER

- Take out the SCREEN BLOCK.
  (1) Remove 2 screws **[G]**.
  (2) Take out the FILTER COVER.
    - Remove the both side FILTER COVER same manner.

3.1.7 CENTER COVER

- Take out the SPEAKER GRILL.
- Take out the FRONT PANEL.
  (1) Remove 2 screws **[H]**.
  (2) Take out the CENTER COVER.

3.1.8 SCREEN BLOCK

- Take out the SPEAKER GRILL.
- Take out the FRONT PANEL.
  (1) Remove the 4 screws **[I]**.
  (2) Remove 10 screws **[J]** from rear side.
  (3) Take out the SCREEN BLOCK.

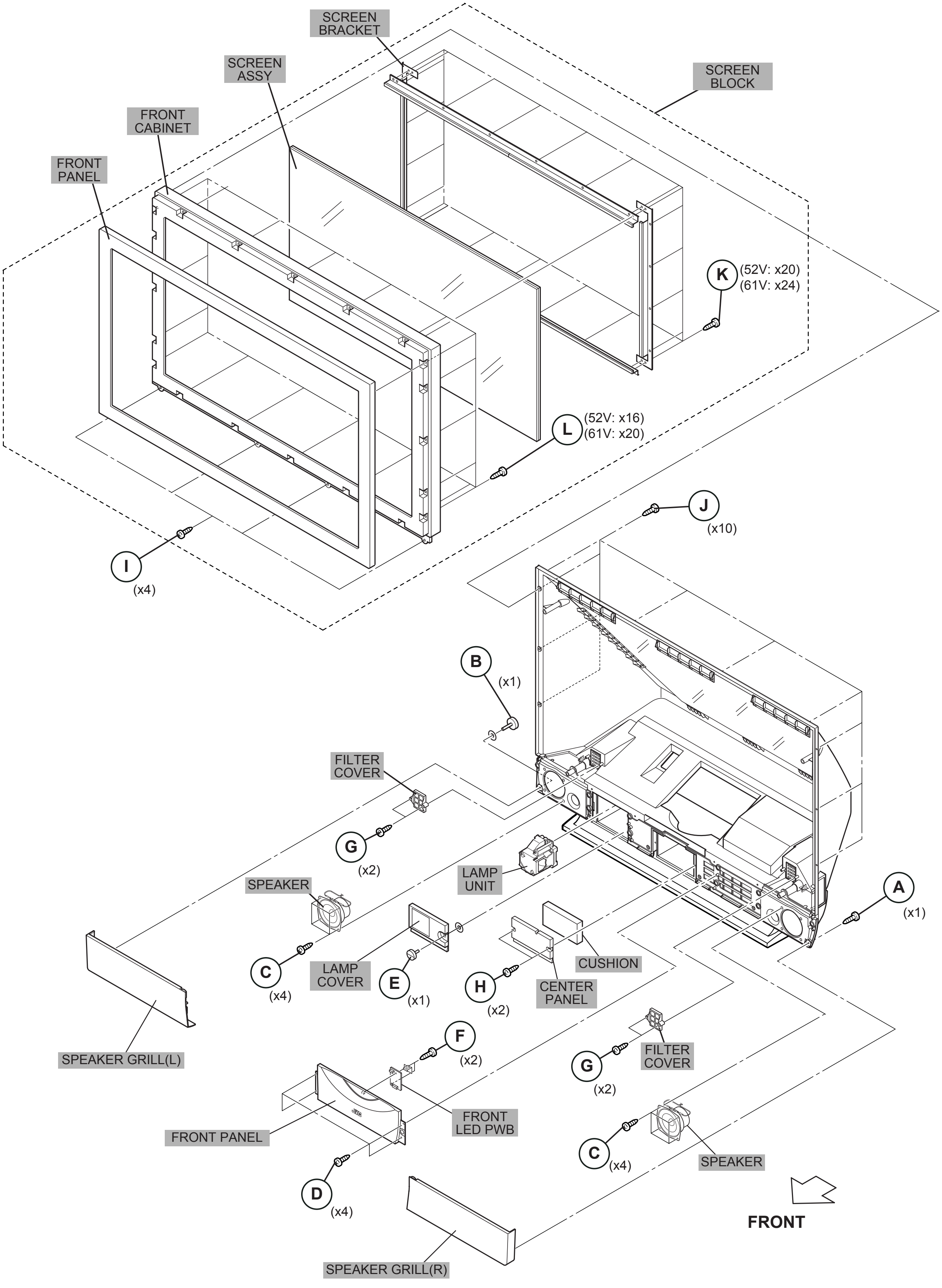
CAUTION :
- Place the SCREEN BLOCK on a flat table without fail.
- Because of the large size, at least 2 parsons are recommended for removal and reassemble.
- Use care not to scratch the screen during work.
- During assembly, be sure to engage the left and right tabs with the cabinet mounting positions.
- When supporting the SCREEN BLOCK, avoid grasping the top of the screen panel, instead grasp the left and right areas.
- Do not leave the SCREEN BLOCK removed for long time to prevent soiling from dust.

3.1.9 SCREEN ASS'Y

- Take out the SCREEN BLOCK.
  [HD-52Z575 / HD-52Z585]
  (1) Remove 20 screws **[K]** from FRONT CABINET.
  [HD-61Z575 / HD-61Z585]
  (1) Remove 24 screws **[K]** from FRONT CABINET.
  (2) Take out the SCREEN ASS'Y.

3.1.10 FRONT PANEL

- Take out the SCREEN BLOCK.
  [HD-52Z575 / HD-52Z585]
  (1) Remove 16 screws **[L]** from FRONT CABINET.
  [HD-61Z575 / HD-61Z585]
  (1) Remove 20 screws **[L]** from FRONT CABINET.
  (2) Take out the FRONT PANEL.


SCREEN BRACKET
SCREEN ASSY
SCREEN BLOCK
FRONT CABINET
FRONT PANEL
K (52V: x20) (61V: x24)
L (52V: x16) (61V: x20)
J (x10)
I (x4)
B (x1)
FILTER COVER
G (x2)
LAMP UNIT
SPEAKER
A (x1)
C (x4)
LAMP COVER
E (x1)
H (x2)
CUSHION
CENTER PANEL
SPEAKER GRILL(L)
F (x2)
FILTER COVER
G (x2)
FRONT PANEL
FRONT LED PWB
C (x4)
SPEAKER
D (x4)
FRONT
SPEAKER GRILL(R)

<FRONT INNER SIDE>

3.1.11 MIRROR

- Take out the SPEAKER GRILL both side.
- Take out the FRONT PANEL.
- Take out the SCREEN BLOCK.
  (1) Remove 12 screws **[A]** attaching the MIRROR HOLDER of the upper, left and right side.
  (2) Raise slightly to disengage of the MIRROR from the bottom holder.
  (3) Take out the MIRROR.

NOTE :

- Do not touch the front of the MIRROR.
- Do not shock the front of the MIRROR.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.

3.1.12 SIDE CONTROL BASE

- Take out the SCREEN BLOCK.
  (1) Remove 4 screws **[B]**.
  (2) Take out the SIDE CONTROL BASE.

3.1.13 SIDE CONTROL PWB

- Take out the SCREEN BLOCK.
- Take out the SIDE CONTROL BASE.
  (1) Remove 4 screws **[C]** from rear side of SIDE CONTROL BASE.
  (2) Take out the SIDE CONTROL PWB.

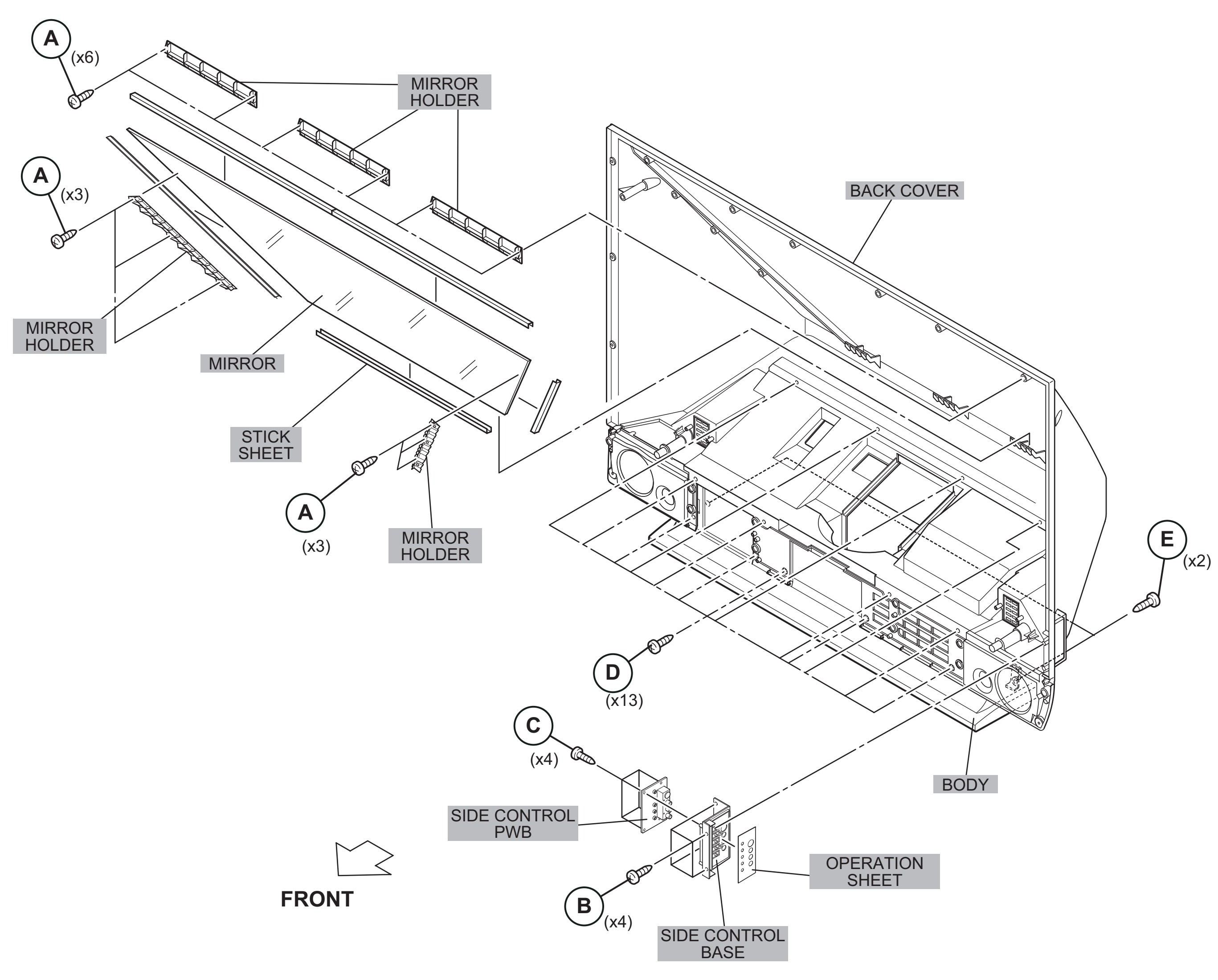
3.1.14 BACK COVER

- Take out the FRONT PANEL.
- Take out the SCREEN BLOCK.
  (1) Remove 13 screws **[D]**.
  (2) Remove 2 screws **[E]** from rear side.
  (3) Slightly pull for backside to disengage of the BACK COVER from hooks.
  (4) Take out the BACK COVER.

NOTE :

- Because of the large size, at least 2 persons are recommended for removal and reassemble.

FRONT INNER SIDE VIEW


A
(x6)
MIRROR HOLDER
A
(x3)
BACK COVER
MIRROR HOLDER
MIRROR
STICK SHEET
A
(x3)
MIRROR HOLDER
E
(x2)
D
(x13)
C
(x4)
BODY
SIDE CONTROL PWB
OPERATION SHEET
FRONT
B
(x4)
SIDE CONTROL BASE

<BODY SIDE>

3.1.15 BODY COVER

(1) Remove 9 screws **[A]** (BODY).
(2) Remove 6 screws **[B]** (AV TERMINAL BOARD).
(3) Take out the BODY COVER.

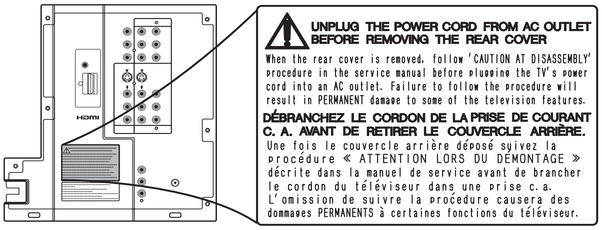
NOTE :

- Do not leave the BODY COVER removed for long time to prevent soiling from dust.

CAUTION :

- Before starting the work, be sure to read the following written instructions on the printed CAUTION on the AV TERMINAL BOARD.

AV TERMINAL BOARD



UNPLUG THE POWER CORD FROM AC OUTLET BEFORE REMOVING THE REAR COVER

When the rear cover is removed, follow 'CAUTION AT DISASSEMBLY' procedure in the service manual before plugging the TV's power cord into an AC outlet. Failure to follow the procedure will result in PERMANENT damage to some of the television features.

DÉBRANCHEZ LE CORDON DE LA PRISE DE COURANT C. A. AVANT DE RETIRER LE COUVERCLE ARRIÈRE.

Une fois le couvercle arrière déposé suivez la procédure « ATTENTION LORS DU DÉMONTAGE » décrite dans la manuel de service avant de brancher le cordon du téléviseur dans une prise c.a. L'omission de suivre la procédure causera des dommages PERMANENTS à certaines fonctions du téléviseur.

3.1.16 BODY BRACKET

- Take out the BODY COVER.

(1) Remove 4 screws **[C]**.
(2) Take out the BODY BRACKET.

3.1.17 MAIN UNIT

- Take out the BODY COVER.
- Take out the BODY BRACKET.

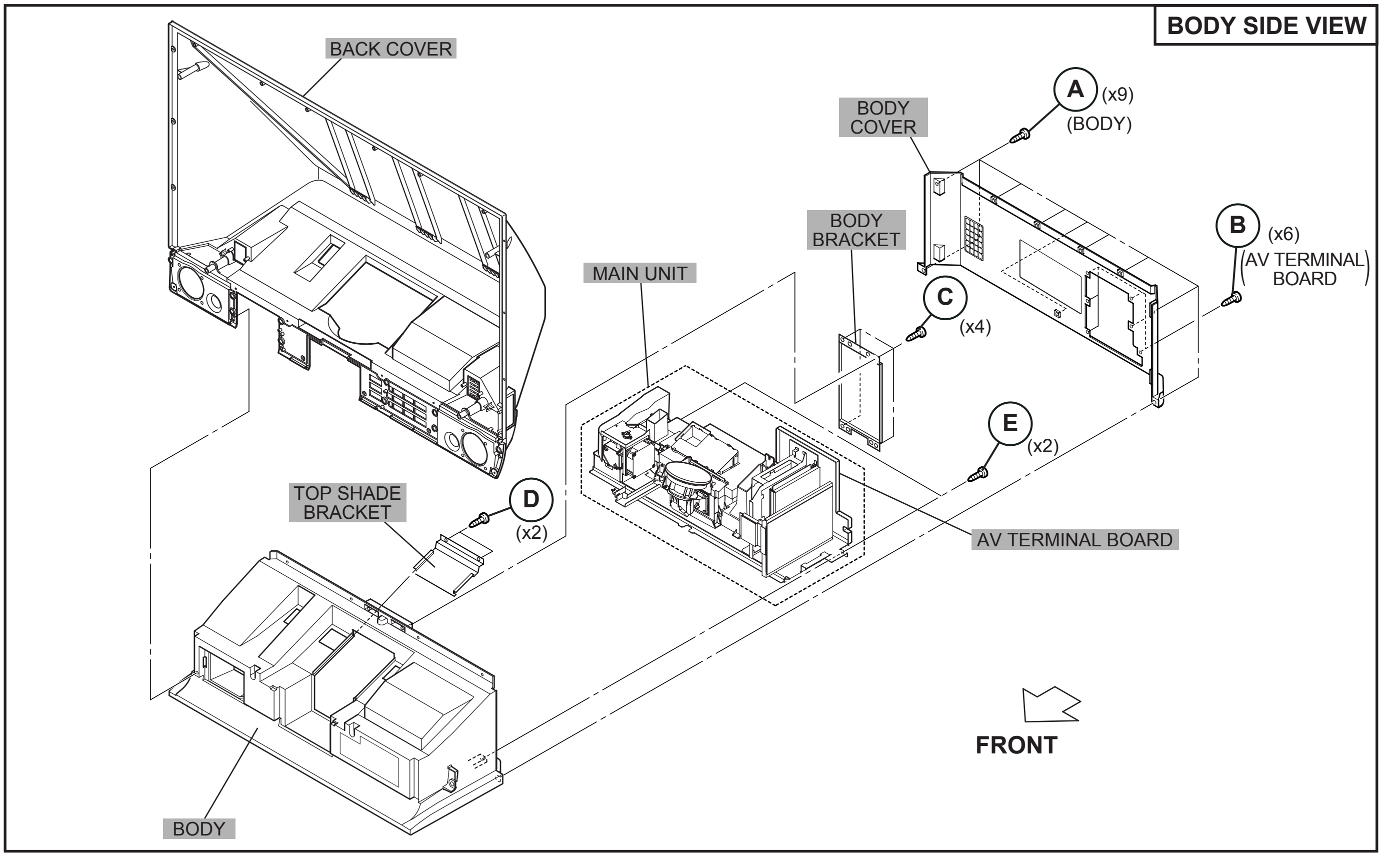
(1) Remove 2 screws **[D]**.
(2) Take out the TOP SHADE BRACKET.
(3) Take out the connector [FJ:12pin], [SW:4pin], [SPR:2pin (black)], [SPL:2pin(white)], [FL:7pin].
(4) Remove 2 screws **[E]** from rear side.
(5) Pull out the MAIN UNIT rear side.

CAUTION

- **Except for confirmation of projection images on the screen and audio output through the speakers, the removed MAIN UNIT is still workable in the same state as if it is still built in the TV set. Therefore, the MAIN UNIT can be removed, if necessary, for board diagnosis, electric testing, etc. apart from confirmation of screen images and audio output.**
- **Do not leave the MAIN UNIT removed for long time to prevent soiling from dust.**
- **Because of the large size, at least 2 persons are recommended for removal and reassemble.**
- **When carrying the MAIN UNIT, use care not to drop, shock or shake it.**
- **Do not stain or damage the projection lens.**
- **Do not look directly at the light during service.**
- **Do not touch the lamp directly as it presents a burn hazard.**

NOTE :

- When not performing repair work, attach the cap on the lens to preventing dust from covering.
- When mounting to the set, make sure the front of the lens is in contact with the cushion on the set (body) side.
- Make sure that FRONT LED PWB connector is completely connect to the RECEIVER PWB connector (CN10FL).
- When wire clamps are removed during work, use care to restore them precisely to their original positions. Performance can be affected if these are not returned to the original positions.



<INNER PWB SIDE>

3.1.18 AV TERMINAL BOARD

- Take out the BODY COVER.
  (1) Remove 5 screws **[A]**.
  (2) Remove 1 screw **[B]**.
  (3) Pull out the POWER CORD CLAMP.
  (4) Remove the nut **[C]** attaching the ANTENNA TERMINAL.
  (5) Take out the AV TERMINAL BOARD.

3.1.19 SUB DRIVE PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
  (1) Remove 4 screws **[D]**.
  (2) Take out the PWB HOLDER.
  (3) Disconnect the connector [CN401] and [CN402].
  (4) Remove 6 screws **[E]**.
  (5) Take out the SUB DRIVE PWB.

3.1.20 POWER PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
  (1) Remove 1 screw **[F]**.
  (2) Take out the POWER PWB BRACKET.
  (3) Disconnect the connector [CN90BL], [CN90SE], [CN90AA], [CN90B], [CN90DD] and [CN90G].
  (4) Remove 5 screws **[G]**.
  (5) Take out the POWER PWB.

3.1.21 DIGITAL SIGNAL PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
- Take out the AV TERMINAL BOARD.
- Take out the PWB HOLDER
  (1) Disconnect the connector [CN001], [CN002], [CN003], [CN0FC] and [CN0LV2].
  (2) Remove 1 screw **[H]** attaching the earth wire.
  (3) Remove 1 screw **[I]**.
  (4) Remove the both side SHIELD COVER.
  (5) Take out the DIGITAL SIGNAL PWB.

CAUTION:

Make sure to perform the "SYSTEM SETTING" on page 1-10, when DIGITAL SIGNAL PWB is replaced.

3.1.22 RECEIVER PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
- Take out the AV TERMINAL BOARD.
- Take out the PWB HOLDER
  (1) Remove 1 screw **[J]**.
  (2) Take out the ANALOG PWB BRACKET with PWB. (RECEIVER PWB / ANALOG SIGNAL PWB / REGULATOR PWB)
  (3) Disconnect the connector [CN10FC], [CN10PH], [CN100R], [CN10PH], [CN100A], [CN100T], [CN100F], [CN10FJ], [CN10FL], [CN10SW], [CN10AA] and [CN10SP].
  (4) Remove 4 screws **[K]**.
  (5) Take out the RECEIVER PWB.

3.1.23 ANALOG SIGNAL PWB

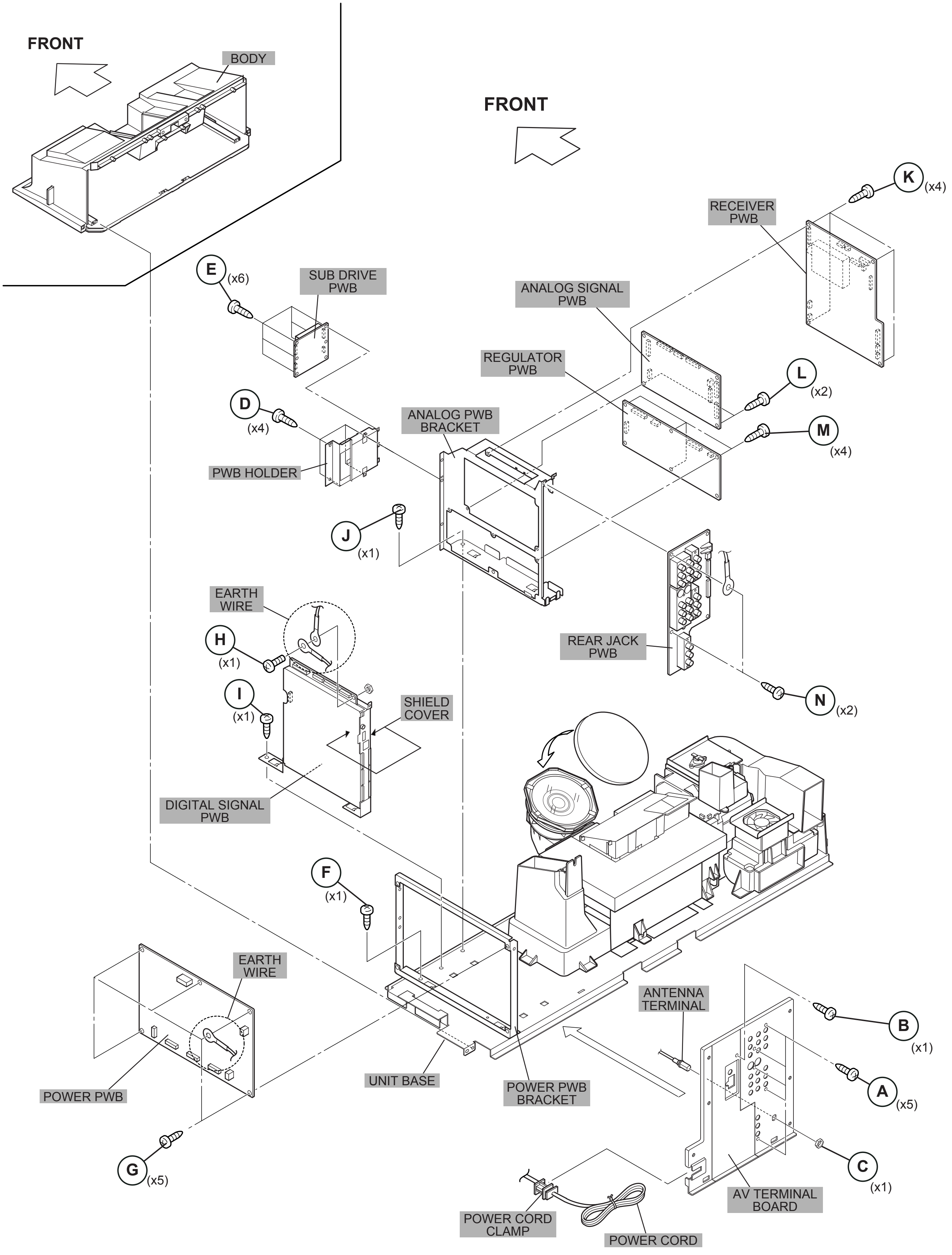
- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
- Take out the AV TERMINAL BOARD.
- Take out the PWB HOLDER
- Take out the RECEIVER PWB.
  (1) Disconnect the connector [CN001], [CN002], [CN00D], [CN0J1], [CN0J2], [CN00T], [CN00F] and [CN00G].
  (2) Remove 2 screws **[L]**.
  (3) Take out the ANALOG SIGNAL PWB.

3.1.24 REGULATOR PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
- Take out the AV TERMINAL BOARD.
- Take out the PWB HOLDER
- Take out the RECEIVER PWB.
  (1) Disconnect the connector [CN20D], [CN203] and [CN20B].
  (2) Remove 4 screws **[M]**.
  (3) Take out the REGULATOR PWB.

3.1.25 REAR JACK PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
- Take out the AV TERMINAL BOARD.
  (1) Disconnect the connector [CNPH], [CNJ0J1] and [CNJ0J2].
  (2) Remove 2 screws **[N]**.
  (3) Take out the REAR JACK PWB.


FRONT
BODY
FRONT
K
(x4)
RECEIVER PWB
E
(x6)
SUB DRIVE PWB
ANALOG SIGNAL PWB
REGULATOR PWB
L
(x2)
D
(x4)
ANALOG PWB BRACKET
M
(x4)
PWB HOLDER
J
(x1)
EARTH WIRE
H
(x1)
REAR JACK PWB
I
(x1)
SHIELD COVER
N
(x2)
DIGITAL SIGNAL PWB
F
(x1)
EARTH WIRE
ANTENNA TERMINAL
B
(x1)
A
(x5)
POWER PWB
UNIT BASE
POWER PWB BRACKET
G
(x5)
C
(x1)
AV TERMINAL BOARD
POWER CORD CLAMP
POWER CORD

<OPTICAL SIDE>

3.1.26 LAMP FAN DUCT & THERMOSTAT

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.

(1) Remove 4 screws **[A]**.
(2) Take out the LAMP FAN DUCT.
(3) Remove 2 screws **[B]**.
(4) Take out the THERMOSTAT.

3.1.27 FAN CONTROL PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.

(1) Disconnect the connector [CN801:7pin (MAIN DRIVE PWB)], [CN802:3pin (OPTICAL BLOCK COOLING FAN)], [CN803:3pin (LAMP COOLING FAN)] and [CN804:4pin (LAMP BALLAST UNIT)].
(2) Remove 1 screw **[C]**.
(3) Take out the FAN CONTROL PWB.

3.1.28 REMOTE SENSOR PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.

(1) Remove 1 screw **[D]**.
(2) Take out the REMOTE SENSOR PWB.

3.1.29 OPTICAL / DRIVE ASS'Y

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.

(1) Remove 2 screws **[E]**.
(2) Take out the SHADE COVER.
(3) Remove 2 screws **[F]**.
(4) Take out the FRONT SHADE BRACKET.
(5) Remove 7 screws **[G]**.
(6) Slightly raise and take out the OPTICAL / DRIVE ASS'Y.
(7) Peel off the shield (copper film) tapes.

NOTE :

- The OPTICAL / DRIVE ASS'Y contains precision optical components.
  Handle carefully and avoid imparting strong shock.
- OPTICAL / DRIVE ASS'Y construction
  1) Optical block :
     (D-ILA device, PBS, Field lens, Integrater, Mirror etc.)
  2) Projection lens
  3) Optical base
  4) MAIN DRIVE PWB ASS'Y
  5) Top duct
  6) Shield tape
- When not performing repair work, attach the cap on the lens to preventing dust from covering.
- When mounting to the set, make sure the front of the lens side is in contact with the cushion on the body side.
- When installing this kit (OPTICAL/DRIVE ASS'Y) to the set, first mount the FRONT SHADE BRACKET and SHADE COVER (with cushion) to the kit (lens section).
- Do not leave the OPTICAL / DRIVE ASS'Y removed for long time to prevent soiling from dust.

3.1.30 MAIN DRIVE PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.

(1) Take out the TOP DUCT PLATE.
(2) Remove 2 screws **[H]**.
(3) Take out the TOP DUCT.
(4) Take out the SHIELD TOP CASE.
(5) Remove 4 screws **[I]**.
(6) Take out the MAIN DRIVE PWB.
(7) Take out the SHIELD PLATE.
(8) Slightly raise and take out the OPTICAL BLOCK.

3.1.31 OPTICAL BLOCK COOLING FAN

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.

(1) Remove 3 screws **[J]**.
(2) Take out the SIROCCO TOP CASE.
(3) Remove 3 screws **[K]**.
(4) Take out the OPTICAL BLOCK COOLING FAN.

3.1.32 LAMP COOLING FAN

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.

(1) Remove 2 screws **[L]**.
(2) Take out the LAMP FAN BRACKET ASSY.
(3) Remove 4 screws **[M]**.
(4) Take out the LAMP COOLING FAN.

3.1.33 LAMP BALLAST UNIT COOLING FAN

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.

(1) Remove 3 screws **[N]**.
(2) Remove 4 screws **[O]**.
(3) Take out the COOLING FAN (LAMP BALLAST UNIT).

3.1.34 LAMP BALLAST UNIT

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.
- Take out the LAMP BALLAST UNIT COOLING FAN.

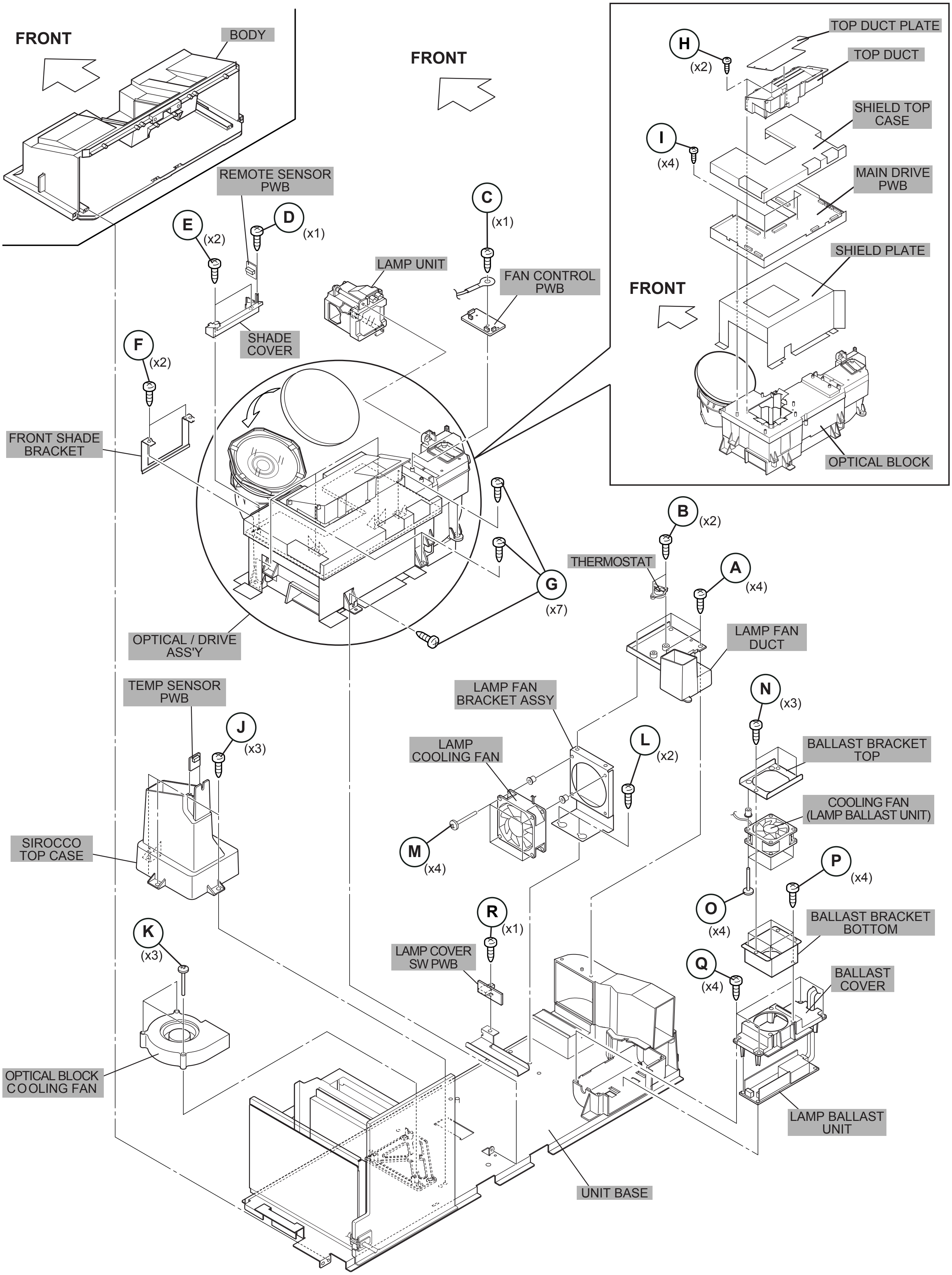
(1) Take out the wire of LAMP BALLAST UNIT.
(2) Remove 4 screws **[P]**.
(3) Take out the BALLAST BRACKET BOTTOM.
(4) Remove 4 screws **[Q]**.
(5) Take out the BALLAST COVER.
(6) Take out the LAMP BALLAST UNIT.

3.1.35 LAMP COVER SW PWB

- Take out the BODY COVER.
- Take out the BODY BRACKET.
- Take out the MAIN UNIT.

(1) Remove 1 screw **[R]**.
(2) Take out the LAMP COVER SW PWB.

<OPTICAL SIDE VIEW>


FRONT
BODY
FRONT
TOP DUCT PLATE
H
(x2)
TOP DUCT
SHIELD TOP CASE
I
(x4)
MAIN DRIVE PWB
SHIELD PLATE
FRONT
OPTICAL BLOCK
REMOTE SENSOR PWB
E
(x2)
D
(x1)
C
(x1)
LAMP UNIT
FAN CONTROL PWB
SHADE COVER
F
(x2)
FRONT SHADE BRACKET
G
(x7)
B
(x2)
THERMOSTAT
A
(x4)
OPTICAL / DRIVE ASS'Y
LAMP FAN DUCT
TEMP SENSOR PWB
J
(x3)
LAMP FAN BRACKET ASSY
N
(x3)
LAMP COOLING FAN
L
(x2)
BALLAST BRACKET TOP
COOLING FAN (LAMP BALLAST UNIT)
SIROCCO TOP CASE
M
(x4)
P
(x4)
O
(x4)
R
(x1)
BALLAST BRACKET BOTTOM
K
(x3)
LAMP COVER SW PWB
Q
(x4)
BALLAST COVER
OPTICAL BLOCK COOLING FAN
LAMP BALLAST UNIT
UNIT BASE

3.1.36 SHIELD PLATE ATTACHMENT PROCESS

- Take out the TOP DUCT / TOP DUCT PLATE.
- Take out the MAIN DRIVE PWB with SHIELD TOP CASE.

< Assembly >

(1) Copper film case with laminate surface to be top.
(2) Fold 9 points (①~⑨) as shown in **[A]** an arrow view Fig.1.
(3) Attach the double-faced tapes **[B]** as shown in Fig.1.
(4) Stick the tape **[C]** as shown in Fig.1.
(5) Make copper film case to be SHIELD PLATE (box-shape).

< Attachment >

(6) Install the SHIELD PLATE (box-shape).
(7) Install the MAIN DRIVE PWB.
(8) Install 4 screws **[D]** to MAIN DRIVE PWB.
(9) Install the SHIELD TOP CASE .
(10) Attach the shield (copper film) tapes 6 positions **[E]** and **[F]** as shown in Fig.2 and Fig.5.
(11) Install the TOP DUCT.
(12) Install 2 screws **[G]** as shown in Fig.5.
(13) Install the TOP DUCT PLATE as shown in Fig.5.
(14) Attach the shield (copper film) tapes 4 positions **[H]** and **[I]** as shown in Fig.3 and Fig.5.
(15) Then attach the shield (copper film) tapes 11 positions **[J]** **[K]**, **[L]**,and **[M]** as shown in Fig.4 and Fig.5.

<ASSEMBLY PROCESS>

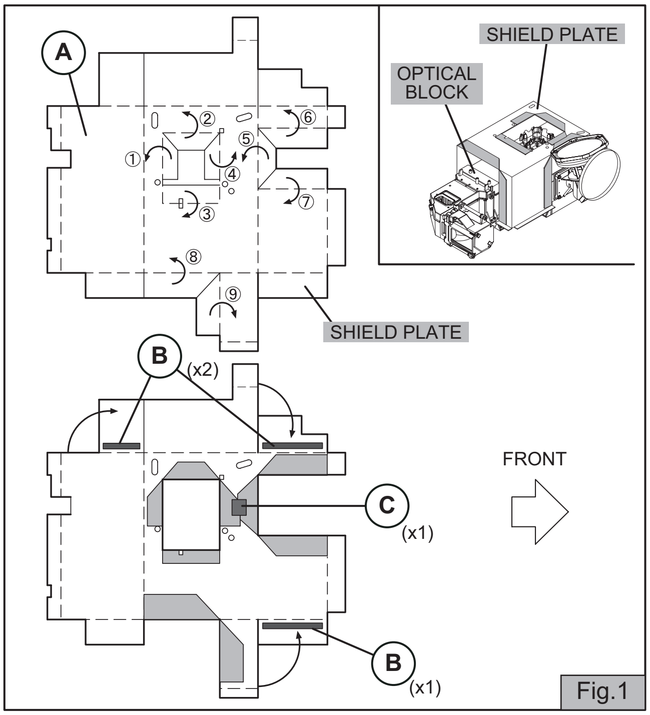

A
①
②
③
④
⑤
⑥
⑦
⑧
⑨
SHIELD PLATE
OPTICAL BLOCK
SHIELD PLATE
B
(x2)
FRONT
C
(x1)
B
(x1)

Fig.1

<ASSEMBLY and ATTACHMENT PROCESS>

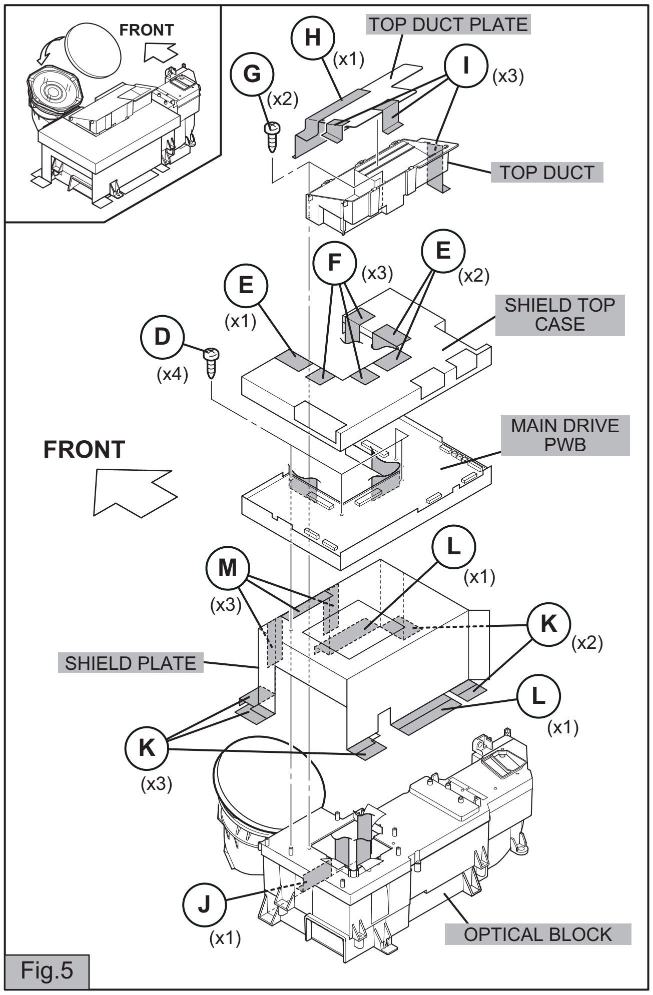

FRONT
H
(x1)
TOP DUCT PLATE
G
(x2)
I
(x3)
TOP DUCT
F
(x3)
E
(x2)
E
(x1)
SHIELD TOP CASE
D
(x4)
FRONT
MAIN DRIVE PWB
M
(x3)
L
(x1)
K
(x2)
SHIELD PLATE
L
(x1)
K
(x3)
J
(x1)
OPTICAL BLOCK

Fig.5

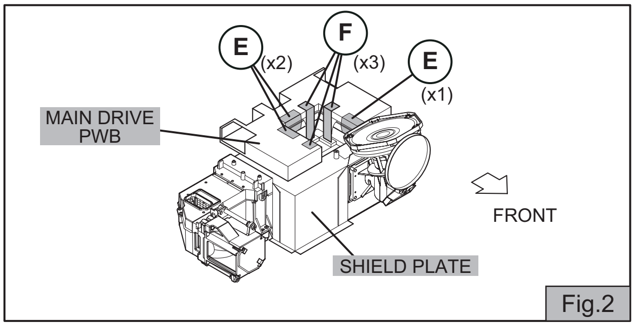

E
(x2)
F
(x3)
E
(x1)
MAIN DRIVE PWB
FRONT
SHIELD PLATE

Fig.2

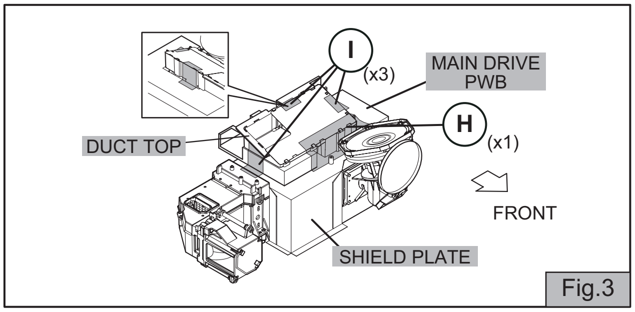

I
(x3)
MAIN DRIVE PWB
DUCT TOP
H
(x1)
FRONT
SHIELD PLATE

Fig.3

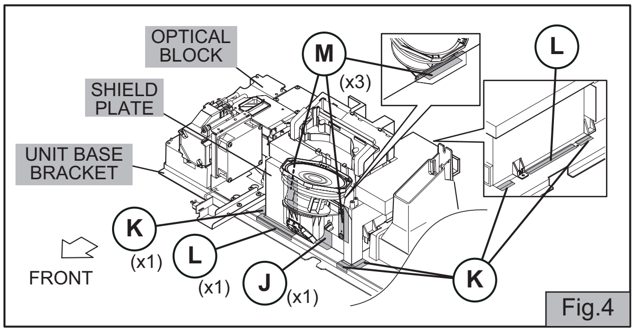

OPTICAL BLOCK
M
(x3)
L
SHIELD PLATE
UNIT BASE BRACKET
K
(x1)
L
(x1)
J
(x1)
K
FRONT

Fig.4

3.2 MEMORY IC REPLACEMENT

3.2.1 MEMORY IC

This memory IC stores data for proper operation of the video and Drive circuits.

When replacing, be sure to use an IC containing this (initial value) data.

3.2.2 MEMORY IC REPLACEMENT PROCEDURE

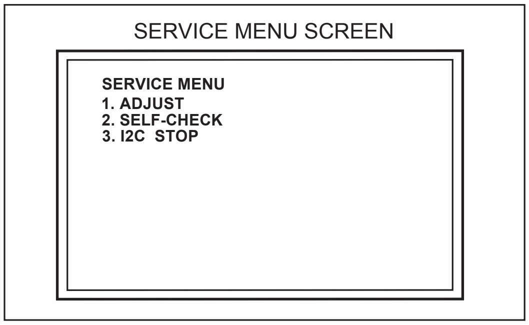
1. **Power off**
   Switch off the power and disconnect the power cord from the wall outlet.
2. **Replace the memory IC**
   Initial value must be entered into the new IC.
3. **Power on**
   Connect the power cord to the wall outlet and switch on the power.

4. **SERVICE MENU setting**
   Before entering the SERVICE MENU, confirm that the setting of TV/CATV SW of the REMOTE CONTROL UNIT is at the "TV" side and the setting of VCR/DVD SW of the REMOTE CONTROL UNIT is at the "VCR" side. If the switches have not been properly set, you cannot enter the SERVICE MENU.

   1) Press [**SLEEP TIMER**] key and while the indication of SLEEP TIMER 0 MIN is being displayed, press [**DISPLAY**] key and [**VIDEO STATUS**] key (Fig.2) simultaneously.
   2) The SERVICE MENU screen of Fig.1 is displayed.
   3) Verify what to set in the SERVICE MENU, and set whatever is necessary (Fig.1).
      Refer to the SERVICE ADJUSTMENT for setting.
   4) Press the [**BACK**] key to return the SERVICE MENU.

5. **Receive channel setting**
   Refer to the OPERATING INSTRUCTIONS (USER'S GUIDE) and set the receive channels (Channels Preset) as described.

6. **User settings**
   Check the user setting items according to after page. Where these do not agree, refer to the OPERATING INSTRUCTIONS (USER'S GUIDE) and set the items as described.



SERVICE MENU SCREEN

SERVICE MENU
1. ADJUST
2. SELF-CHECK
3. I2C STOP

Fig.1

3.2.3 SERVICE MENU SETTING ITEMS

Setting item	Item No.	Remark
1.ADJUST		
VIDEO SYSTEM	S001~S039	Adjust
AUDIO SYSTEM	T001~T010	
PANEL CONTROL SYSTEM	P001~P010	Do not adjust (Fixed value)
DRIVE SYSTEM	D001~D187	
SYSTEM SETTING	Z001~Z010	

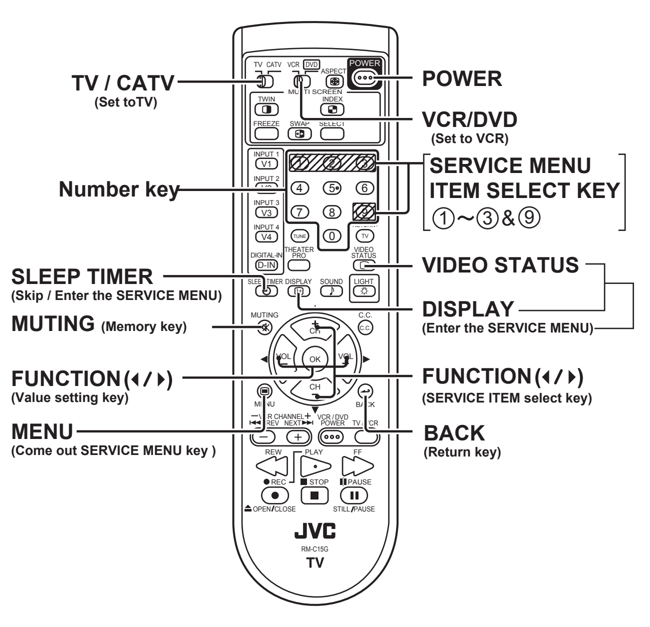

TV / CATV
(Set toTV)
POWER
VCR/DVD
(Set to VCR)
SERVICE MENU
ITEM SELECT KEY
①~③&⑨
Number key
VIDEO STATUS
SLEEP TIMER
(Skip / Enter the SERVICE MENU)
DISPLAY
(Enter the SERVICE MENU)
MUTING (Memory key)
FUNCTION (◀/▶)
(Value setting key)
FUNCTION (◀/▶)
(SERVICE ITEM select key)
MENU
(Come out SERVICE MENU key)
BACK
(Return key)
JVC
RM-C15G
TV

Fig.2

3.2.4 SETTING OF FACTORY SHIPMENT

3.2.4.1 BUTTON OPERATION

Setting item	Setting position
POWER	OFF
INPUT	TV
CHANNEL	CABLE-02
VOLUME	10

3.2.4.2 REMOTE CONTROL DIRECT OPERATION

Setting item		Setting position
INPUT		TV
CHANNEL		CABLE-02
VOLUME		10
MUTING		OFF
DISPLAY		OFF
SOUND	A.H.S	OFF
	BBE	ON
	SMART SOUND	OFF [HD-52Z585 / HD-61Z585]
ASPECT		REGULAR
CLOSED CAPTION (C.C)		OFF
VIDEO STATUS		DYNAMIC
TWIN PICTURE SOURCE		LEFT SIDE : CA02 RIGHT SIDE : INPUT1

3.2.4.3 REMOTE CONTROL MENU OPERATION

(1) PICTURE ADJUST[1]

Setting item		STANDARD	DYNAMIC	THEATER	GAME
TINT	NTSC / 525i / 525p	00	00	00	00
	1125i / 750p	00	00	00	00
COLOR	NTSC / 525i / 525p	00	00	00	00
	1125i / 750p	00	00	00	00
PICTURE	NTSC / 525i / 525p	00	+10	00	-10
	1125i / 750p	00	+10	00	-10
BRIGHT	NTSC / 525i / 525p	00	00	00	00
	1125i / 750p	00	00	00	00
DETAIL	NTSC / 525i / 525p	00	+05	00	00
	1125i / 750p	00	+05	00	00
COLOR TEMPERATURE	NTSC / 525i / 525p	LOW	HIGHT	HIGHT	HIGHT
	1125i / 750p	LOW	HIGHT	LOW	HIGHT

(2) PICTURE ADJUST [2]

Setting item	Setting position
DIG. NOISE CLEAR	OFF
NATURAL CINEMA	AUTO
COLOR MANAGEMENT	ON
DYNAMIC GAMMA	ON

(3) SOUND ADJUST

Setting item	Setting position
TREBLE	00
BASS	00
BALANCE	00
MTS	STEREO

(4) CLOCK / TIMERS

Setting item	Setting position
SET CLOCK	(Unnecessary to set)
ON / OFF TIMER	NO

(5) INITIAL SETUP

Setting item	Setting position	Setting item	Setting position
CENTER CH INPUT	OFF	POWER INDICATOR	HIGH
DIGITAL-IN	SIZE-1 (at 480p signal input)	LANGUAGE	ENG
DIGITAL-IN AUDIO	DIGITAL	CLOSED CAPTION	OFF (CAPTION-CC1-T1)
TV SPEAKER	ON	AUTO SHUT OFF	OFF
AUDIO OUT	FIX	XDS ID	ON
NOISE MUTING	ON	AUTO TUNER SET UP	Unnecessary to set
FRONT PANEL LOCK	OFF	CHANNEL SUMMARY	---- (Unnecessary to set)
V1 SMART INPUT	OFF	V-CHIP	OFF
VIDEO INPUT LABEL	--- (Blank)	SET LOCK CODE	(0000) (Unnecessary to set)
POSITION ADJUSTMENT	Center	AUTO DEMO	OFF

3.3 REPLACEMENT OF CHIP COMPONENT

3.3.1 CAUTIONS

(1) Avoid heating for more than 3 seconds.
(2) Do not rub the electrodes and the resist parts of the pattern.
(3) When removing a chip part, melt the solder adequately.
(4) Do not reuse a chip part after removing it.

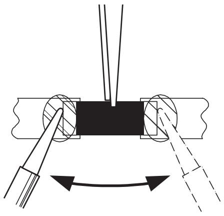
3.3.2 SOLDERING IRON

(1) Use a high insulation soldering iron with a thin pointed end of it.
(2) A 30w soldering iron is recommended for easily removing parts.

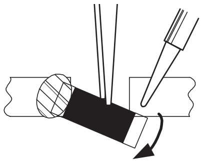
3.3.3 REPLACEMENT STEPS

1. How to remove Chip parts
[Resistors, capacitors, etc.]

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.

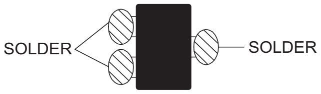


(2) Shift with the tweezers and remove the chip part.

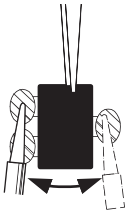


[Transistors, diodes, variable resistors, etc.]

(1) Apply extra solder to each lead.



(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.

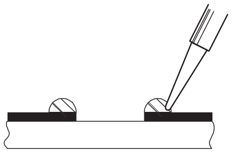


Note :

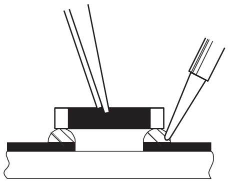
After removing the part, remove remaining solder from the pattern.

2. How to install Chip parts
[Resistors, capacitors, etc.]

(1) Apply solder to the pattern as indicated in the figure.

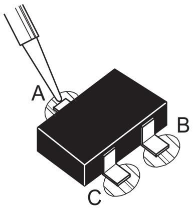


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

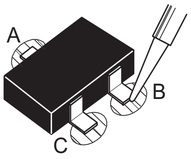


[Transistors, diodes, variable resistors, etc.]

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.



(4) Then solder leads **B** and **C**.



SECTION 4
ADJUSTMENTS

4.1 ADJUSTMENT PREPARATION

(1) You can make the necessary adjustments for this unit with either the remote control unit or with the adjustment equipment and parts as given below.

(2) Adjustment with the remote control unit is made on the basis of the initial setting values, however, the new setting values which set the screen to its optimum condition may differ from the initial settings.

(3) Make sure that AC power is turned on correctly.

(4) Turn on the power for the set and test equipment before use, and start the adjustment procedures after waiting at least 30 minutes.

(5) Unless otherwise specified, prepare the most suitable reception or input signal for adjustment.

(6) Never touch any adjustment parts, which are not specified in the list for this variable resistors, transformers, trimmer capacitors, etc.

4.2 PRESETTING BEFORE ADJUSTMENT

Unless otherwise specified in the adjustment instructions, preset the following functions with the remote control unit.

Setting item	Settings position
VIDEO STATUS	STANDARD
PICTURE (TINT / COLOR / BRIGHT/PICTURE / DETAIL)	All 00
COLOR TEMPERATURE	LOW
DIG. NOISE CLEAR	OFF
COLOR MANAGEMENT	ON
DYNAMIC GAMMA	ON
SOUND (BASS / TREBLE / BALANCE)	All 00
MTS	STEREO
BBE	OFF
A.H.S	OFF
SMART SOUND	OFF [HD-52Z585 / HD-61Z585]
ASPECT	FULL

4.3 MEASURING INSTRUMENT AND FIXTURES

1) DC voltmeter (or Digital voltmeter)
2) Oscilloscope
3) Signal generator (Pattern generator)
   [NTSC / 525i / 750p / 1125i / DIGITAL]
4) TV audio multiplex signal generator
5) Remote control unit

4.4 ADJUSTMENT ITEMS

- **OPTICAL BLOCK / DRIVE CIRCUIT**
  - LENS FOCUS adjustment
  - DRIVE CONVERGENCE adjustment
  - DRIVE CENTER POSITION adjustment

- **VIDEO CIRCUIT**
  - 525i A-D OFFSET adjustment
  - 1125i BRIGHTNESS adjustment
  - 1125i A-D OFFSET adjustment
  - SUB SCREEN A-D OFFSET adjustment
  - WHITE BALANCE (HIGHT LIGHT)

- **MTS CIRCUIT**
  - MTS INPUT LEVEL adjustment
  - MTS SEPARATION adjustment

4.5 BASIC OPERATION OF THE SERVICE MENU

Operate the SERVICE MENU with the remote control unit.

4.5.1 HOW TO ENTER THE SERVICE MENU

(1) Press the [SLEEP TIMER] key and while indication of "SLEEP TIMER 0 MIN." is being displayed, press [DISPLAY] key and [VIDEO STATUS] key simultaneously, and the SERVICE MENU screen of Fig.1 will be displayed.

4.5.2 SELECT THE SERVICE MENU ITEM

(1) When the SERVICE MENU is displayed, press any key of the [1] / [2] / [3] / [9] keys to enter the corresponding menu mode.

4.5.3 SELECT THE SETTING ITEM & SETTING VALUE

(1) Select the service item using the [FUNCTION (▲ /▼)] key.

(2) Set the value using the [FUNCTION (◀ / ▶)] key.

4.5.4 SETTING OF THE OPTICAL BLOCK / DRIVE CIRCUIT

(1) R/B mode (DRIVE / CONVERGENCE) adjust
Set the R mode value using the [FUNCTION (▲ /▼)] key
Set the B mode value using the [FUNCTION (◀ / ▶)] key

(2) RGB BOX mode (DRIVE CENTER POSITION) adjust
Set the horizontal center position value using the [FUNCTION (▲ /▼)] key
Set the vertical center position value using the [FUNCTION (◀ / ▶)] key

4.5.5 MEMORIZED SETTING VALUE

(1) Press the [MUTING] key to memorize the adjustment value. If not to do it, adjustment data is not memorized to the memory IC. And if exit the adjustment mode before memorize the data, the adjustment which your changed value is canceled.

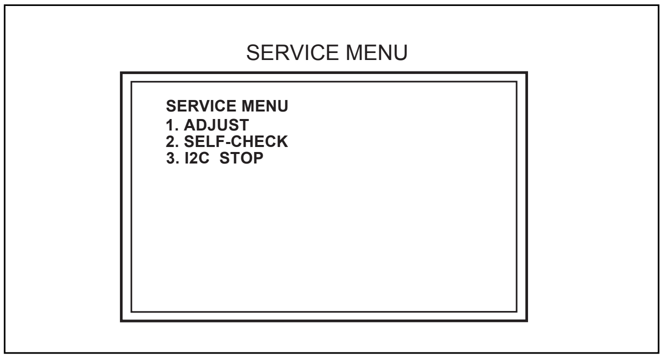
(2) Adjustment data is applied at once in OPTICAL BLOCK / DRIVE CIRCUIT adjustment mode.

CAUTION

- Individual items 1, 2 and 3 on the SERVICE MENU screen (Fig.1) are selected by the Number key (Fig.2).
- When selecting each item on the SERVICE MENU, if [4] ~ [8] keys other than [1], [2], [3] and [9] keys are pressed by mistake, another screen that is not the SERVICE MENU will appear. In such a case, press the [BACK] key immediately and return to the SERVICE MENU screen.
- Do not press the [MUTING] key.

4.5.6 HOW TO EXIT THE SERVICE MENU

Press the [MENU] key to exit the SERVICE MENU.


SERVICE MENU

SERVICE MENU
1. ADJUST
2. SELF-CHECK
3. I2C STOP

Fig.1

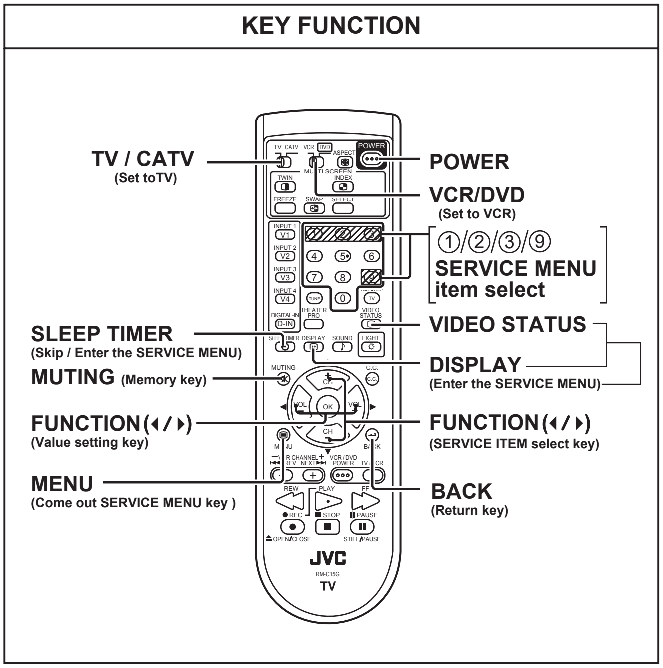

KEY FUNCTION
TV / CATV
(Set toTV)
POWER
VCR/DVD
(Set to VCR)
①/②/③/⑨
SERVICE MENU
item select
SLEEP TIMER
(Skip / Enter the SERVICE MENU)
VIDEO STATUS
MUTING (Memory key)
DISPLAY
(Enter the SERVICE MENU)
FUNCTION(◀/▶)
(Value setting key)
FUNCTION(▲/▼)
(SERVICE ITEM select key)
MENU
(Come out SERVICE MENU key)
BACK
(Return key)
JVC
RM-C15G
TV

Fig.2

4.5.7 DESCRIPTION OF STATUS DISPLAY

The status display on the upper part of the SERVICE MENU screen is common.

(1) SIGNAL SYSTEM

(OSD)	(EXPLAIN)
NTSC3	: NTSC3.58
NTSC4	: NTSC4.48
525I	: 525i
525P	: 525p
750P	: 750p
1125I6	: 1125i 60Hz
RGB5	: RGB 525i
D525I	: digital 525i
D525P	: digital 525p
D1256I6	: digital 1125i 60Hz
H525I	: HDMI 525i
H525P	: HDMI 525p
H750P	: HDMI 750p
H1125I6	: HDMI 1125i 60Hz

(2) ASPECT

SINGLE

1409	: FULL
1609	: PANORAMA
1609S	: CINEMA
FULL	: REGULAR

TWIN / INDEX

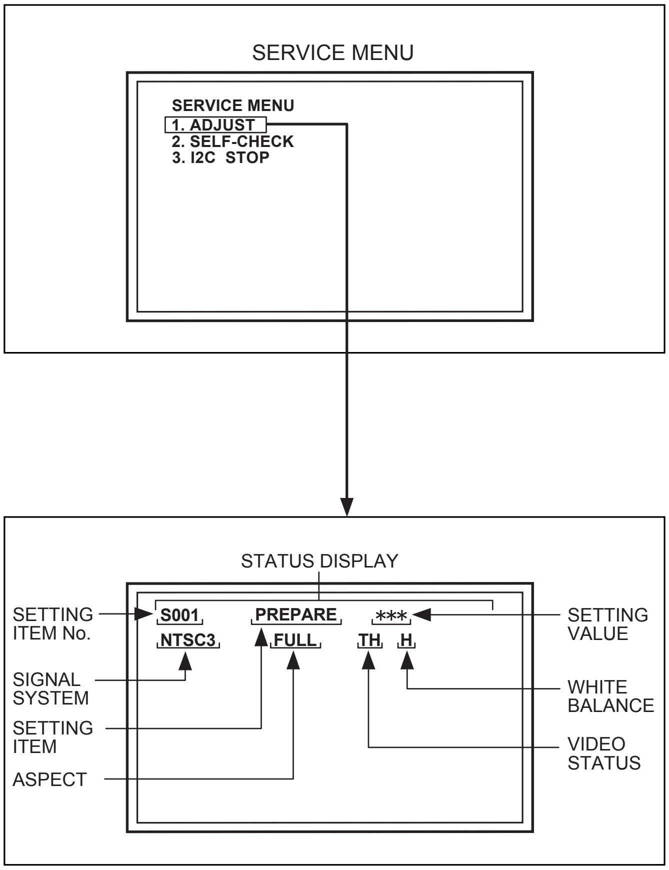
FRZ	: TWIN
STD	: INDEX (12CH)

(3) VIDEO STATUS

STD	: STANDARD
DYN	: DYNAMIC
TH	: THEATER
GAME	: GAME

(4) WHITE BALANCE

H	: HIGH
M	: LOW


SERVICE MENU
SERVICE MENU
1. ADJUST
2. SELF-CHECK
3. I2C STOP
STATUS DISPLAY
SETTING ITEM No.
S001
PREPARE
***
SETTING VALUE
NTSC3
FULL
TH
H
SIGNAL SYSTEM
SETTING ITEM
ASPECT
WHITE BALANCE
VIDEO STATUS

[1. ADJUST] MENU

4.5.8 SETTING OF THE SERVICE MENUS

4.5.8.1 [1.ADJUST]

■ **Do not change settings of items that are not included in the "ADJUSTMENT PROCEDURE".**

- [Function (◀ / ▶)] key
  For scrolling up/down the setting items.

  → **S001...↔T001...↔P001...↔D001...↔Z001** ←

- [SLEEP TIMER] key
  For switching to the next items.

  → **S001 → T001 → P001 → D001 → Z001** —

- [Function (▲ /▼)] key
  For scrolling up/down the setting values.

4.5.8.2 [2.SELF CHECK]

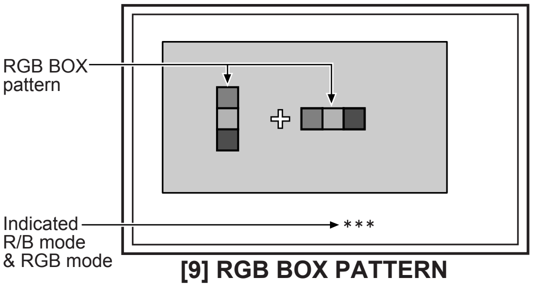
Refer to “SECTION 5 TROUBLESHOOTING”

4.5.8.3 [3.I^{2}C STOP]

Setting for this item is not required in servicing

4.5.8.4 [9] RGB BOX PATTERN

Adjustment of DRIVE CIRCUIT (CONVERGENCE / CENTER POSITION)


RGB BOX pattern
Indicated R/B mode & RGB mode
***

[9] RGB BOX PATTERN

4.6 INITIAL SETTING VALUE OF SERVICE MENU

(1) Adjustment of the SERVICE MENU is made on the basis of the initial setting values; however, the new setting values which set the screen in its optimum condition may differ from the initial setting.
(2) Do not change the initial setting values of the setting items NOT LISTED IN ADJUSTMENT.

CAUTION:

Never change the initial setting value any adjustments **except** for those that are designated in the adjustment procedures.
In case where you have made undesignated adjustments by mistake, never press the [MUTING] key on the remote control unit.
Whenever you had not pressed the [MUTING] key, you would be able to recover the initial value by switching the [POWER] key.

4.6.1 [1.ADJUST]

VIDEO SYSTEM

Item No.	Item name	Variable range	Setting value
S001	PREPARE	0~31	0
S002	NTSC BL	0~15	1
S003	NTSC CNT	0~255	44
S004	NT CR OF	0~15	4
S005	NT CB OF	0~15	4
S006	525i BL	0~15	1
S007	525i CNT	0~255	44
S008	5i CB OF	0~15	0
S009	5i CR OF	0~15	0
S010	5i CR GN	0~15	4
S011	5i CB GN	0~15	4
S012	HD BL	0~63	0
S013	HD CB OF	0~63	0
S014	HD CR OF	0~63	0
S015	RT CONT	0~15	7
S016	RT CB OF	0~15	2
S017	RT CR OF	0~15	5
S018	RT CL GA	0~15	4
S019	PC CL MB	0~7	0
S020	PC CL LB	0~255	0
S021	PC CL MR	0~3	0
S022	PC CL LR	0~255	0
S023	(NO DISPLAY)	0~255	0
S024	(NO DISPLAY)	0~255	0
S025	(NO DISPLAY)	0~255	0
S026	(NO DISPLAY)	0~255	0
S027	(NO DISPLAY)	0~255	0
S028	(NO DISPLAY)	0~255	0
S029	(NO DISPLAY)	0~255	0
S030	R DRIVE	0~255	0
S031	G DRIVE	0~255	0
S032	B DRIVE	0~255	0
S033	(NO DISPLAY)	0~255	0
S034	(NO DISPLAY)	0~255	0
S035	(NO DISPLAY)	0~255	0
S036	(NO DISPLAY)	0~255	0
S037	(NO DISPLAY)	0~255	0
S038	(NO DISPLAY)	0~255	0
S039	ILA COM	0~255	0

AUDIO SYSTEM

Item No.	Item name	Variable range	Setting value
T001	IN LEVEL	0~255	007
T002	LOW SEP	0~255	037
T003	HIGH SEP	0~255	033
T004	AFC	0~255	0 (Fixed)
T005	(NO DISPLAY)	0~255	0 (Fixed)
T006	ATT V ON	0~1	0 (Fixed)
T007	ATT U ON	0~1	0 (Fixed)
T008	ATT C ON	0~1	0 (Fixed)
T009	(NO DISPLAY)	0~255	0 (Fixed)
T010	(NO DISPLAY)	0~255	0 (Fixed)

PANEL CONTROL SYSTEM [Do not adjust : All fixed]

Item No.	Item name	Variable range	Setting value
P001	TM HOR H	0~255	0
P002	TM HOR L	0~255	0
P003	TM MIN	0~255	0
P004	TEMP	0~255	0
P005	(NO DISPLAY)	0~255	0
P006	(NO DISPLAY)	0~255	0
P007	(NO DISPLAY)	0~255	0
P008	(NO DISPLAY)	0~255	0
P009	(NO DISPLAY)	0~255	0
P010	(NO DISPLAY)	0~255	0

DRIVE SYSTEM [Do not adjust : All fixed]

Item No.	Item name	Variable range	Setting value
D001	SLV GN	0~3F	00
D002	SLVH GN	0~3F	00
D003	SLH GN	0~3F	00
D004	SLV Pf	0~03	00
D005	SLH Pf H	0~01	00
D006	SLH Pf L	0~03	00
D007	SL EGCON	0~3F	00
D008	SL EGONF	0~01	00
D009	SL CRGON	0~3F	00
D010	SL CRGON	0~01	00
D011	SL ON OF	0~01	00

Item No.	Item name	Variable range	Setting value
D012	SV GN	0~3F	00
D013	SVH GN	0~3F	00
D014	SH GN	0~3F	00
D015	SV Pf	0~03	00
D016	SV Pf H	0~01	00
D017	SV Pf L	0~03	00
D018	SYL CON	0~3F	00
D019	SYL CONF	0~01	00
D020	SYH CON	0~3F	00
D021	SYH CONF	0~01	00
D022	SC CON	0~3F	00
D023	SC CNONF	0~01	00
D024	SPM BLC	0~3F	00
D025	SPM BLCO	0~01	00
D026	SLIM	0~3F	00
D027	SLIMONF	0~01	00
D028	SCRG	0~3F	00
D029	SRGONF	0~01	00
D030	S ONF	0~01	00
D031	pb GN	0~3F	00
D032	pb Pf H	0~01	00
D033	pb Pf L	0~03	00
D034	pb CRG	0~3F	00
D035	pb CRGON	0~01	00
D036	pb ONF	0~01	00
D037	pr GN	0~3F	00
D038	pr Pf H	0~01	00
D039	pr Pf H	0~03	00
D040	pr CRG	0~3F	00
D041	pr CRGON	0~01	00
D042	pr ONF	0~01	00
D043	ENH ONF	0~01	00
D044	(NO DISPLAY)	0~FF	00
D045	(NO DISPLAY)	0~FF	00
D046	(NO DISPLAY)	0~FF	00
D047	(NO DISPLAY)	0~FF	00
D048	(NO DISPLAY)	0~FF	00
D049	(NO DISPLAY)	0~FF	00
D050	(NO DISPLAY)	0~FF	00
D051	(NO DISPLAY)	0~FF	00
D052	(NO DISPLAY)	0~FF	00
D053	(NO DISPLAY)	0~FF	00
D054	(NO DISPLAY)	0~FF	00
D055	(NO DISPLAY)	0~FF	00
D056	(NO DISPLAY)	0~FF	00
D057	(NO DISPLAY)	0~FF	00
D058	(NO DISPLAY)	0~FF	00
D059	(NO DISPLAY)	0~FF	00

Item No.	Item name	Variable range	Setting value
D060	(NO DISPLAY)	0~FF	00
D061	(NO DISPLAY)	0~FF	00
D062	(NO DISPLAY)	0~FF	00
D063	(NO DISPLAY)	0~FF	00
D064	(NO DISPLAY)	0~FF	00
D065	(NO DISPLAY)	0~FF	00
D066	(NO DISPLAY)	0~FF	00
D067	(NO DISPLAY)	0~FF	00
D068	(NO DISPLAY)	0~FF	00
D069	(NO DISPLAY)	0~FF	00
D070	(NO DISPLAY)	0~FF	00
D071	(NO DISPLAY)	0~FF	00
D072	(NO DISPLAY)	0~FF	00
D073	(NO DISPLAY)	0~FF	00
D074	(NO DISPLAY)	0~FF	00
D075	(NO DISPLAY)	0~FF	00
D076	(NO DISPLAY)	0~FF	00
D077	(NO DISPLAY)	0~FF	00
D078	(NO DISPLAY)	0~FF	00
D079	(NO DISPLAY)	0~FF	00
D080	(NO DISPLAY)	0~FF	00
D081	(NO DISPLAY)	0~FF	00
D082	(NO DISPLAY)	0~FF	00
D083	(NO DISPLAY)	0~FF	00
D084	(NO DISPLAY)	0~FF	00
D085	(NO DISPLAY)	0~FF	00
D086	(NO DISPLAY)	0~FF	00
D087	(NO DISPLAY)	0~FF	00
D088	(NO DISPLAY)	0~FF	00
D089	(NO DISPLAY)	0~FF	00
D090	(NO DISPLAY)	0~FF	00
D091	(NO DISPLAY)	0~FF	00
D092	(NO DISPLAY)	0~FF	00
D093	(NO DISPLAY)	0~FF	00
D094	(NO DISPLAY)	0~FF	00
D095	(NO DISPLAY)	0~FF	00
D096	(NO DISPLAY)	0~FF	00
D097	(NO DISPLAY)	0~FF	00
D098	(NO DISPLAY)	0~FF	00
D099	(NO DISPLAY)	0~FF	00
D100	(NO DISPLAY)	0~FF	00
D101	(NO DISPLAY)	0~FF	00
D102	(NO DISPLAY)	0~FF	00
D103	(NO DISPLAY)	0~FF	00
D104	(NO DISPLAY)	0~FF	00
D105	(NO DISPLAY)	0~FF	00
D106	(NO DISPLAY)	0~FF	00
D107	(NO DISPLAY)	0~FF	00

Item No.	Item name	Variable range	Setting value
D108	(NO DISPLAY)	0~FF	00
D109	(NO DISPLAY)	0~FF	00
D110	(NO DISPLAY)	0~FF	00
D111	(NO DISPLAY)	0~FF	00
D112	(NO DISPLAY)	0~FF	00
D113	(NO DISPLAY)	0~FF	00
D114	(NO DISPLAY)	0~FF	00
D115	(NO DISPLAY)	0~FF	00
D116	(NO DISPLAY)	0~FF	00
D117	(NO DISPLAY)	0~FF	00
D118	(NO DISPLAY)	0~FF	00
D119	(NO DISPLAY)	0~FF	00
D120	(NO DISPLAY)	0~FF	00
D121	(NO DISPLAY)	0~FF	00
D122	(NO DISPLAY)	0~FF	00
D123	(NO DISPLAY)	0~FF	00
D124	(NO DISPLAY)	0~FF	00
D125	(NO DISPLAY)	0~FF	00
D126	(NO DISPLAY)	0~FF	00
D127	(NO DISPLAY)	0~FF	00
D128	(NO DISPLAY)	0~FF	00
D129	(NO DISPLAY)	0~FF	00
D130	(NO DISPLAY)	0~FF	00
D131	(NO DISPLAY)	0~FF	00
D132	(NO DISPLAY)	0~FF	00
D133	(NO DISPLAY)	0~FF	00
D134	(NO DISPLAY)	0~FF	00
D135	(NO DISPLAY)	0~FF	00
D136	(NO DISPLAY)	0~FF	00
D137	(NO DISPLAY)	0~FF	00
D138	(NO DISPLAY)	0~FF	00
D139	(NO DISPLAY)	0~FF	00
D140	(NO DISPLAY)	0~FF	00
D141	(NO DISPLAY)	0~FF	00
D142	(NO DISPLAY)	0~FF	00
D143	(NO DISPLAY)	0~FF	00
D144	(NO DISPLAY)	0~FF	00
D145	(NO DISPLAY)	0~FF	00
D146	(NO DISPLAY)	0~FF	00
D147	(NO DISPLAY)	0~FF	00
D148	(NO DISPLAY)	0~FF	00
D149	(NO DISPLAY)	0~FF	00
D150	(NO DISPLAY)	0~FF	00
D151	(NO DISPLAY)	0~FF	00
D152	(NO DISPLAY)	0~FF	00
D153	ENH ONF	0~FF	00
D154	(NO DISPLAY)	0~FF	00

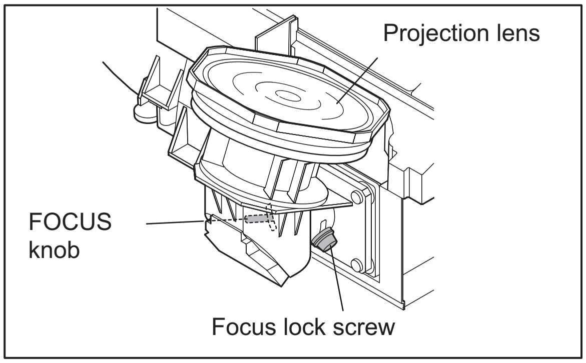
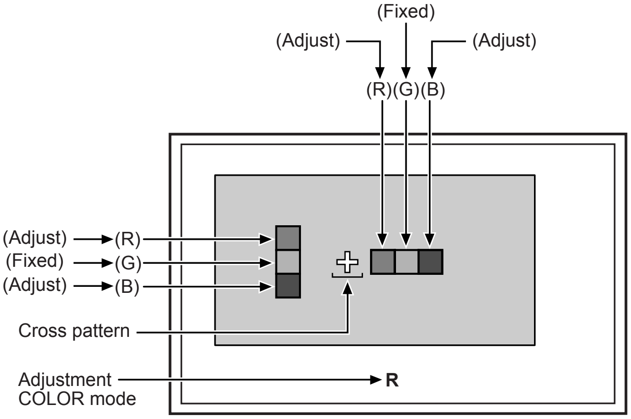
Item No.	Item name	Variable range	Setting value
D155	(NO DISPLAY)	0~FF	00
D156	(NO DISPLAY)	0~FF	00
D157	(NO DISPLAY)	0~FF	00
D158	(NO DISPLAY)	0~FF	00
D159	(NO DISPLAY)	0~FF	00
D160	(NO DISPLAY)	0~FF	00
D161	(NO DISPLAY)	0~FF	00
D162	(NO DISPLAY)	0~FF	00
D163	(NO DISPLAY)	0~FF	00
D164	(NO DISPLAY)	0~FF	00
D165	(NO DISPLAY)	0~FF	00
D166	(NO DISPLAY)	0~FF	00
D167	(NO DISPLAY)	0~FF	00
D168	(NO DISPLAY)	0~FF	00
D169	(NO DISPLAY)	0~FF	00
D170	(NO DISPLAY)	0~FF	00
D171	(NO DISPLAY)	0~FF	00
D172	(NO DISPLAY)	0~FF	00
D173	(NO DISPLAY)	0~FF	00
D174	(NO DISPLAY)	0~FF	00
D175	(NO DISPLAY)	0~FF	00
D176	(NO DISPLAY)	0~FF	00
D177	(NO DISPLAY)	0~FF	00
D178	(NO DISPLAY)	0~FF	00
D179	(NO DISPLAY)	0~FF	00
D180	(NO DISPLAY)	0~FF	00
D181	(NO DISPLAY)	0~FF	00
D182	(NO DISPLAY)	0~FF	00
D183	(NO DISPLAY)	0~FF	00
D184	(NO DISPLAY)	0~FF	00
D185	(NO DISPLAY)	0~FF	00
D186	(NO DISPLAY)	0~FF	00
D187	(NO DISPLAY)	0~FF	00

SYSTEM SETTING [Do not adjust : All fixed]

Item No.	Item name	Variable range	Setting value
Z001	(NO DISPLAY)	0~0F	00
Z002	(NO DISPLAY)	0~0F	00
Z003	(NO DISPLAY)	0~0F	00
Z004	(NO DISPLAY)	0~FF	00
Z005	(NO DISPLAY)	0~FF	00
Z006	(NO DISPLAY)	0~FF	00
Z007	(NO DISPLAY)	0~FF	00
Z008	(NO DISPLAY)	0~FF	00
Z009	(NO DISPLAY)	0~FF	00
Z010	(NO DISPLAY)	0~FF	00

4.7 ADJUSTMENT PROCEDURE

4.7.1 OPTICAL BLOCK / DRIVE CIRCUIT

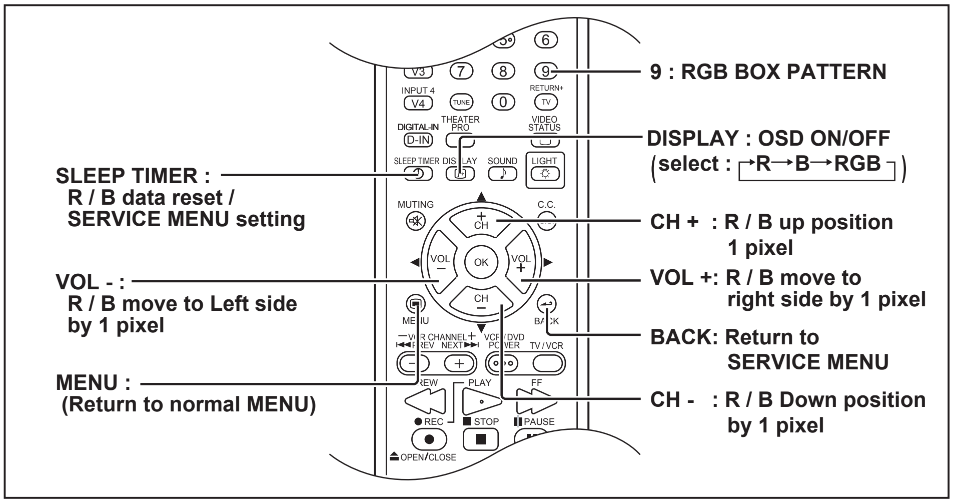
Item	Measuring instrument	Test point	Adjustment part	Description
LENS FOCUS adjustment	Hexagon wrench		**FOCUS knob [PROJECTION LENS]**	(1) Take out the FRONT PANEL, SPEAKER GRILL (L / R), CENTER PANEL and cushions. (2) Display the MENU screen. (3) Loosen the FOCUS LOCK screw. (4) Adjust the FOCUS knob so that the center screen may become the best focus. (5) Fix the focus lock screw by using the Hexagon wrench. • On this occasion, hold the FOCUS knob with your left hand. (6) Confirm the whole focus of the best screen (7) Install the FRONT PANEL, SPEAKER GRILL (L / R). BODY COVER and cushions.
				
DRIVE CONVERGENCE adjustment	Remote control unit			• Use the inner RGB box pattern. (1) Set the [SLEEP TIMER] key to 0 min. (2) Press the [DISPLAY] key and the [VIDEO STATUS] key simultaneously. (3) Press the [9] key to display the RGB box pattern. (4) Select the R mode by pressing the [DISPLAY] key. (5) Adjust the R mode to setting as same as G mode by pressing the [CH]+ / [CH -] key. (6) Select the B mode pressing by the [DISPLAY] key. (7) Adjust the B mode to setting as same as G mode by pressing the [VOL] - / [VOL +] key. (8) Check to see that the cross pattern is white. If the cross pattern is not white, readjust (5) to (6). **Note** • G mode : FIXED mode (Can not remove) • Setting data : Memorized at once.
				

Projection lens
FOCUS knob
Focus lock screw

(Fixed)
(Adjust)
(Adjust)
(R)(G)(B)
(Adjust) (R)
(Fixed) (G)
(Adjust) (B)
Cross pattern
Adjustment COLOR mode
R

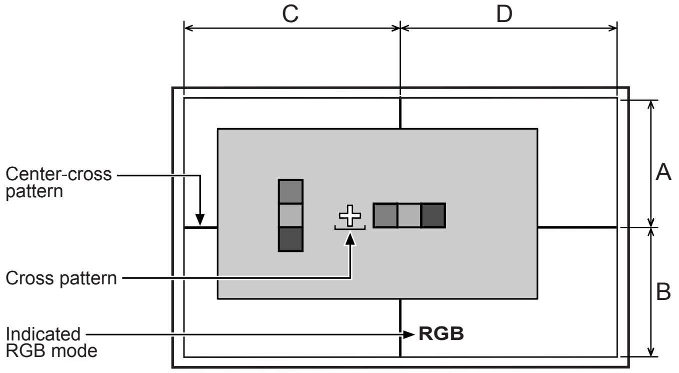
RGB BOX PATTERN

[REMOTE CONTROL UNIT KEY FUNCTION]



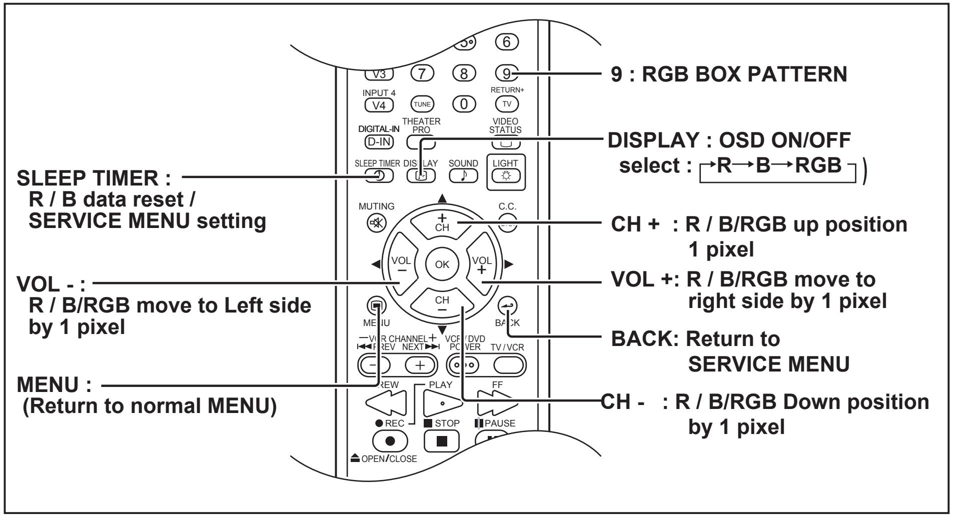
9 : RGB BOX PATTERN
DISPLAY : OSD ON/OFF
(select : R→B→RGB)
SLEEP TIMER :
R / B data reset /
SERVICE MENU setting
CH + : R / B up position 1 pixel
VOL - :
R / B move to Left side by 1 pixel
VOL +: R / B move to right side by 1 pixel
BACK: Return to SERVICE MENU
MENU :
(Return to normal MENU)
CH - : R / B Down position by 1 pixel
V3
7
8
9
6
INPUT 4
V4
TUNE
0
RETURN+
TV
DIGITAL-IN
D-IN
THEATER PRO
VIDEO STATUS
SLEEP TIMER
DISPLAY
SOUND
LIGHT
MUTING
C.C.
CH
VOL
OK
MENU
BACK
VCR CHANNEL
PREV
NEXT
VCR/DVD POWER
TV/VCR
REW
PLAY
FF
REC
STOP
PAUSE
OPEN/CLOSE

Item	Measuring instrument	Test point	Adjustment part	Description
DRIVE CENTER POSITION adjustment	Signal generator Remote control unit			(1) Input the center-cross signal pattern. (2) Set the [SLEEP TIMER] to 0 min. (3) Press the [DISPLAY] key and the [VIDEO STATUS] key simultaneously. (4) Press the [9] key to display the RGB box pattern. (5) Press the [DISPLAY] key twice to select the RGB mode. (6) Adjust the center-cross screen to be same on top and bottom (A=B) by pressing the [CH +] / [CH -] key. (7) Adjust the center-cross screen to be same on left and right (C=D) by pressing the [VOL +] / [VOL -] key. **Note** • Setting data : Memorized at once.

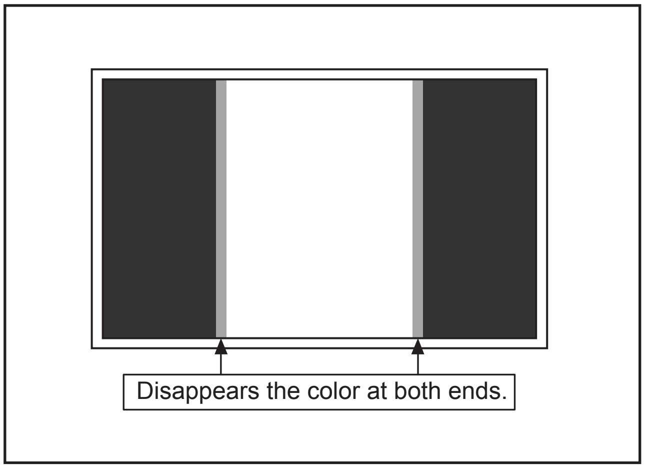
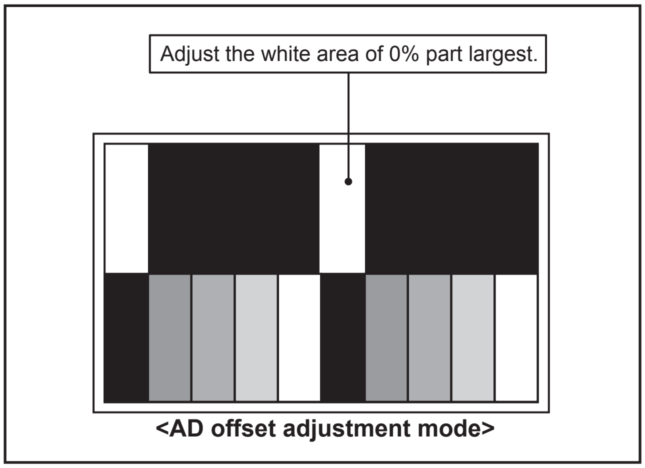

C
D
A
B
Center-cross pattern
Cross pattern
Indicated RGB mode
RGB

RGB BOX PATTERN

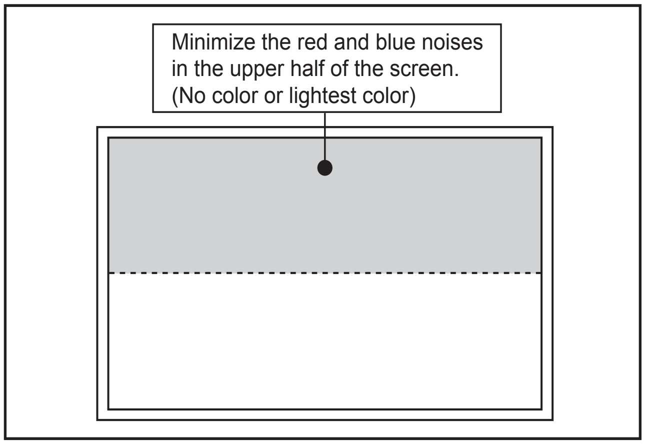
[REMOTE CONTROL UNIT KEY FUNCTION]


9 : RGB BOX PATTERN
DISPLAY : OSD ON/OFF
select : R→B→RGB
SLEEP TIMER :
R / B data reset /
SERVICE MENU setting
CH + : R / B/RGB up position 1 pixel
VOL - :
R / B/RGB move to Left side by 1 pixel
VOL +: R / B/RGB move to right side by 1 pixel
BACK: Return to SERVICE MENU
MENU :
(Return to normal MENU)
CH - : R / B/RGB Down position by 1 pixel

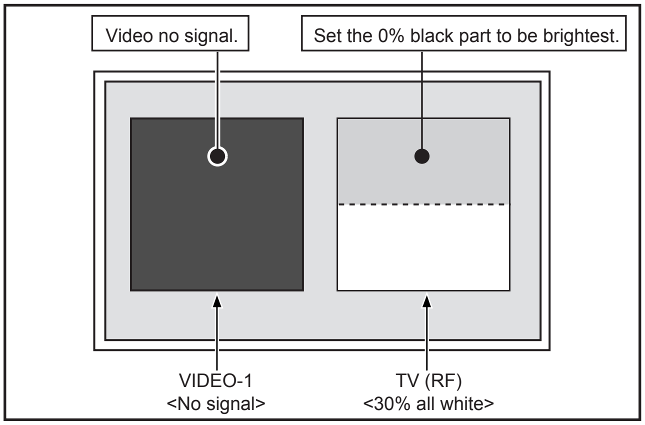
4.7.2 VIDEO CIRCUIT

<table>
<tr><th>Item</th><th>Measuring instrument</th><th>Test point</th><th>Adjustment part</th><th>Description</th></tr>
<tr><td>525i
A-D OFFSET
adjustment</td><td>Signal generator
Remote control unit</td><td></td><td>[1. ADJUST]
S001: PREPARE
S008: 5i CB OF (525i Cb offset)
S009: 5i CR OF (525i Cr offset)</td><td rowspan="2">(1) Input a 525i ramp pattern from COMPONENT VIDEO INPUT terminal.
(2) Set VIDEO STATUS to [STANDARD].
(3) Set ASPECT to [FULL].
(4) Set COLOR TEMPERATURE to [LOW].
(5) Select [1.ADJUST] from the SERVICE MENU.
(6) Adjust < S001 >(PREPARE) from 000 to 008, goes into the [525i Cb offset] adjustment setting mode.
(7) Adjust < S008 > (525i Cb offset) and < S009 > (525i Cr offset) to sets the lose gap (red line, green line and blue line) which disappears the colors at both ends of the center screen.
(8) Press the [MUTING] key to memorized the set value.
(9) Repeat from (6) and (7), then check to see that both ends color to white.
(10) Adjust < S001 > from 008 to 000, it change to the normal mode.</td></tr>
<tr><td colspan="4"> </td></tr>
<tr><td>1125i
BRIGHTNESS
adjustment</td><td>Signal generator
Remote control unit</td><td></td><td>[1. ADJUST]
S001:PREPARE
S012:HD BL (1125i brightness)
S030:R DRIVE (Red drive)
S031:G DRIVE (Green drive)
S032:B DRIVE (Blue drive)</td><td rowspan="2">(1) Input a 1125i gray scale pattern from COMPONENT VIDEO INPUT terminal.
(2) Set VIDEO STATUS to [STANDARD].
(3) Set ASPECT to [FULL].
(4) Set COLOR TEMPERATURE to [LOW].
(5) Select [1.ADJUST] from the SERVICE MENU.
(6) Adjust < S030 > (Red drive), < S031 > (Green drive) and < S032 > (Blue drive) to set the values [128].
(7) Adjust < S001 > (PREPARE) from 000 to 012, it goes to [A/D offset] adjustment mode.
(8) Adjust < S012 > (HDBL) to set the 0% black part in the upper half of the screen to be largest.
(9) Press the [MUTING] key to memorized the set value.
(10) Adjust < S001 > from 012 to 000, it change to the normal mode.</td></tr>
<tr><td colspan="4">
<AD offset adjustment mode></td></tr>
</table>

Item	Measuring instrument	Test point	Adjustment part	Description
1125i A-D OFFSET adjustment	Signal generator Remote control unit		[1. ADJUST] S001:PREPARE S013:HD CB OF (1125i Cb offset) S014:HD CR OF (1125i Cr offset) S030:R DRIVE (Red drive) S031:G DRIVE (Green drive) S032:B DRIVE (Blue drive)	(1) Input a 1125i 30% all white pattern signal from COMPONENT VIDEO INPUT terminal. (2) Set VIDEO STATUS to [STANDARD]. (3) Set ASPECT to [FULL]. (4) Set COLOR TEMPERATURE to [LOW]. (5) Select [1.ADJUST] from the SERVICE MENU. (6) Adjust < S030 > (Red drive), < S031 > (Green drive) and < S032 > (Blue drive) to set the values [128]. (7) Adjust < S001 > (PREPARE) from 000 to 013, it goes to [Cb offset] adjustment mode. (8) Adjust < S013 > (1125i Cb offset) to minimize the blue noise in the upper half of the screen. (9) Adjust < S014 > (1125i Cr offset) to minimize the red noise in the upper half of the screen. (10) Press the [MUTING] key to memorized the set value. (11) Repeat from (8) to (10) then adjust the adjustment screen lightest color. (12) Adjust < S001 > (PREPARE) from 013 to 000, it change to the normal mode.

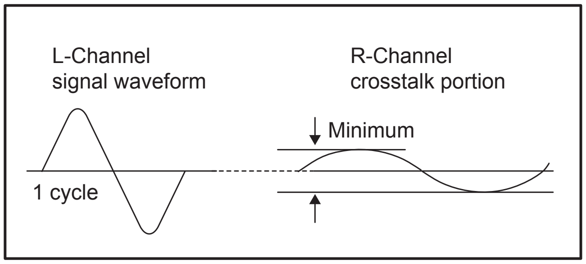

Minimize the red and blue noises
in the upper half of the screen.
(No color or lightest color)

Item	Measuring instrument	Test point	Adjustment part	Description
SUB SCREEN A-D OFFSET adjustment	Signal generator Remote control unit		[1. ADJUST] S001:PREPARE S016:RT CB OF (Sub screen Cb offset) S017:RT CR OF (Sub screen Cr offset) S030:R DRIVE (Red drive) S031:G DRIVE (Green drive) S032:B DRIVE (Blue drive)	(1) Set VIDEO STATUS to [STANDARD]. (2) Set ASPECT to [FULL]. (3) Set COLOR TEMPERATURE to [LOW]. (4) Set MULTI SCREEN to [TWIN]. (5) Set the LEFT screen to VIDEO-1 mode (No signal). (6) Receive a NTSC 30% all white signal on the RIGHT screen from RF(TV). (7) Select [1.ADJUST] from the SERVICE MENU. (8) Adjust < S030 > (Red drive), < S031 > (Green drive) and < S032 > (Blue drive) to set the values [128]. (9) Adjust < S001 > (PREPARE) from 000 to 016, it goes to [Sub-screen Cb offset] adjust mode. (10) Adjust < S016 > (Sub-screen Cb offset) to minimize the blue noise in the upper half of the screen. If you select < S016 >, the screen automatically turn to adjust mode. (11) Adjust < S017 > (Sub-screen Cr offset) to minimize the red noise in the upper half of the screen. (12) Press the [MUTING] key to memorized the set value. (13) Adjust < S001 > (PREPARE) from 016 to 000, it change to the normal mode.



Item	Measuring instrument	Test point	Adjustment part	Description
WHITE BALANCE (High light) adjustment	Signal generator Remote control unit		[1. ADJUST] S030:R DRIVE (Red drive) S031:G DRIVE (Green drive) S032:B DRIVE (Blue drive)	(1) Receive a NTSC all-white (75% white) pattern signal. (2) Set VIDEO STATUS to [STANDARD]. (3) Set ASPECT to [FULL]. (4) Set COLOR TEMPERATURE to [LOW]. (5) Select [1.ADJUST] from the SERVICE MENU. (6) Fix one of < S030 > (Red drive), < S031 > (Green drive) or < S032 > (Blue drive). Then, lower the other two that are not fixed so that the all-white screen is equally white throughout. (7) Adjust one or more of < S030 > (R.DRIVE), < 031 > (G DRIVE) and < 032 > (B DRIVE) to set values [128]. (8) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it. (9) Press the [MUTING] key to memorized the set value.

4.7.3 MTS CIRUT

Item	Measuring instrument	Test point	Adjustment part	Description
MTS INPUT LEVEL adjustment	Remote control unit		[1. ADJUST] T001:IN LEVEL	(1) Select the [1.ADJUST] from the SERVICE MENU. (2) Select the <T001> (IN LEVEL). (3) Set the <T001> (IN LEVEL) to initial setting value. (4) Press the [MUTING] key to memorized the set value.
MTS SEPARATION adjustment	TV audio multiplex Oscilloscope Remote control unit		[1. ADJUST] T002: LOW SEP T003: HIGH SEP	(1) Input stereo L signal (300Hz) from the TV audio multiplex signal generator to the antenna terminal. (2) Connect an oscilloscope to L OUTPUT pin of the AUDIO OUT, and display one cycle portion of the 300Hz signal. (3) Change the connection of the oscilloscope to R OUTPUT pin of the AUDIO OUT, and enlarge the voltage axis. (4) Select <T002> (LOW SEP.). (5) Set the initial setting value of <T002> (LOW SEP.). (6) Adjust <T002> (LOW SEP.) so that the stroke element of the 300Hz signal will become minimum. (7) Change the signal to 3kHz, and similarly adjust <T003> (HIGH SEP.). (8) Press the [MUTING] key to memorized the set value.
 L-Channel signal waveform R-Channel crosstalk portion Minimum 1 cycle				

SECTION 5
TROUBLESHOOTING

5.1 SELF-CHECK FEATURE

5.1.1 OUTLINE

This unit comes with the SELF-CHECK feature, which checks the operational state of the circuit and displays/saves it during failure. SELF-CHECK is performed when power is turned on, and information input to the main microcomputer is monitored at all time. SELF-CHECK is displayed in 2 ways via screen display and LED flashes. Failure detection is based on input state of I2C bus and the various control lines connected to the main microcomputer.

5.1.2 HOW TO ENTER THE SELF-CHECK DISPLAY SCREEN

Before entering the SELF-CHECK display mode, confirm that the setting of TV / CATV SW of the REMOTE CONTROL UNIT is at the "TV" side and the setting of VCR / DVD SW is at the "VCR" side. If the switches have not been properly set, you cannot enter the SELF-CHECK display mode.

(1) Press the [SLEEP TIMER] key and set it to 0 minutes.
(2) Press the [VIDEO STATUS] key and [DISPLAY] key simultaneously, then enter the SERVICE MENU.
(3) Press the [2] key to enter the SELF-CHECK mode.

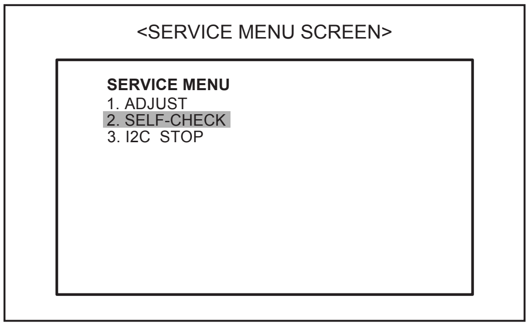


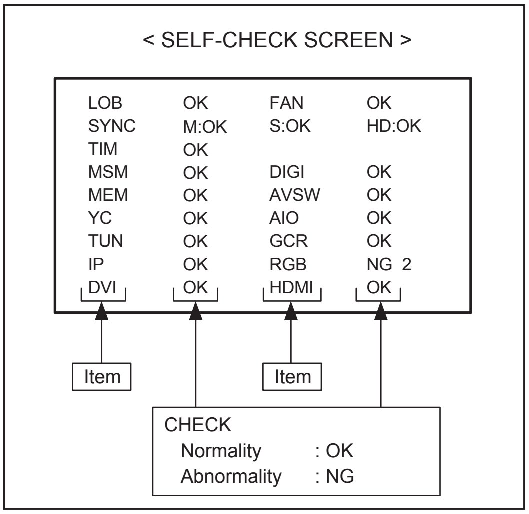
Fig.1

5.1.3 HOW TO EXIT THE SELF-CHECK DISPLAY SCREEN TO SAVE FAILURE HISTORY :

Turn off the power by unplugging the AC power cord plug when in the SELF-CHECK mode.

TO CLEAR (RESET) FAILURE HISTORY :

Turn off the power by pressing the [POWER] key on the remote control unit when in the SELF-CHECK display screen.



```
LOB    OK     FAN    OK
SYNC   M:OK   S:OK   HD:OK
TIM    OK
MSM    OK     DIGI   OK
MEM    OK     AVSW   OK
YC     OK     AIO    OK
TUN    OK     GCR    OK
IP     OK     RGB    NG  2
DVI    OK     HDMI   OK
```

Fig.2

5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item. When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

NOTE :

Only SYNC (with/without sync signals) will be neither counted nor stored.

5.1.5 POINTS TO NOTE WHEN USING THE SELF-CHECK FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be SELF-CHECK as "Abnormal" and displayed and counted as "NG".

(1) Temporary defective transmissions across circuits due to pulse interruptions.
(2) Misalignment in the on/off timing of power for I^2C bus (VCC) when turning on/off the main power.

SELF-CHECK may be impeded if a large number of items are displayed as "NG". As such, start SELF-CHECK only after 3 seconds in the case of receivers and 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new SELF-CHECK results.

5.1.6 DETAILS

Self-check is performed for the following items.

Check item	Display	Description of detection	Diagnosis signal (line)	Means of detection
Low bias line short protection	LOB	Low bias line (9V / 5V) short protector activated. Confirm the operation of the low bais protection circuit. [Q2802 /Q2801] (REGULATOR PWB)	Protector	Detection starts 3 seconds upon power on Turns off power if NG is detected within 400ms.
Fan lock (stop)	FAN	Confirmation of operating stop of heat cooling fan. [IC8005 : 1 / 2 / 4 / 5-pin] (FAN CONTROL PWB)	Protector	Detection starts 3 seconds upon power on Turns off power if NG is detected within 250ms.
AC timer clock	TIM	Not used	---	---
Presence of sync signal	SYNC	Confirmation of presence of video sync signal. M : Main sync signal S : Sub sync signal HD : Component sync signal [IC201] (ANALOG SIGNAL PWB)	SDA	Confirmation of presence of video sync signal.
MAIN CPU communication	MSM	Confirmation of ACK (response) signal which used sync communications with Chassis CPU. [IC7601] (DIGITAL SIGNAL PWB)	WAKE	If it checks whenever sync communication with SHM performed and no reply of ACK signal an error will be counted.
Digital tuner	DIGI	Not used	---	---
Memory for chassis CPU	MEM	Confirmation of reply of ACK signal which used I^{2}C communication. [IC7602] (DIGITAL SIGNAL PWB)	SDA	If checks whenever I^{2}C communication is performed and no reply of ACK signal an error will be counted.
AV switch	AVSW	Same as above [IC501] (ANALOG SIGNAL PWB)	SDA	Same as above
3D YC separation	YC	Same as above [IC1001] (DIGITAL SIGNAL PWB)		
Audio process	AIO	Same as above [IC1140] (RECEIVER PWB)		
RF tuner	TUN	Same as above [TU1101] (RECEIVER PWB)		
Ghost reduction	GCR	Not used	---	---
DIST process	IP	Confirmation of reply of ACK signal which used I^{2}C communication. [IC3001] (DIGITAL SIGNAL PWB)	SDA	If checks whenever I^{2}C communication is performed and no reply of ACK signal an error will be counted.
RGB process	RGB	Same as above [IC4001] ((DIGITAL SIGNAL PWB)		
DVI transmission	DVI	Not used	---	---
Digital input receive	HDMI	Confirmation of reply of ACK signal which used I^{2}C communication. [IC8001] (DIGITAL SIGNAL PWB)	SDA	If checks whenever I^2 communication is performed and no reply of ACK signal an error will be counted.

5.1.7 DISPLAY METHOD WHEN RASTER IS NOT AVAILABLE

In a state where a display screen does not appear due to the failure of this unit, the POWER LED (blue) and LAMP LED (orange) can light up and display a trouble mode.

The factors in case the power is forcibly shut down at the time of failure are memorized and those are displayed.

Check item	Contents	Classifi-cations	LED flash cycle	
			POWER LED	**LAMP LED**
Lamp does not light up	Detection of lamp return (LAMP_RTN) signals output depending on the status of the lamp supply electric current monitored constantly within the lamp ballast unit. (H = Off) [LAMP BALLAST UNIT : CN200 [3pin]]	3	0.1 sec interval Simultaneously	0.1 sec interval Simultaneously
Lamp goes out	Detection of lamp return (LAMP_RTN) signals output depending on the status of the lamp supply electric current monitored constantly within the lamp ballast unit. (H = Off) [LAMP BALLAST UNIT : CN200 [3pin]]	3	0.1 sec interval Simultaneously	0.1 sec interval Simultaneously
Abnormal DD CPU circuit	Detection of serial communication error between MAIN DRIVE PWB and RECEIVER PWB. [IC3701 [5 / 7pin]] (MAIN DRIVE PWB)	2	--------------------	0.5 sec interval
Fan lock (stop)	Detection of LOCK signals outputting the operation (circuit) status of the cooling fan. (H=Abnormal) [IC8005 : 1 / 2 / 4 / 5-pin] (FAN CONTROL PWB)	1	0.5 sec interval Alternately	0.5 sec interval Alternately
Lamp cover open	Detection of the interlock switch status for the lamp cover. (H = Abnormal) [S0201] (LAMP COVER SW PWB)	3	0.1 sec interval Simultaneously	0.1 sec interval Simultaneously
Abnormal D-ILA DEVICE temperature	Detection of abnormal inner cabinet temperature. (53°C) [IC2001] (TEMPERATURE SENSOR PWB)	1	0.5 sec interval Alternately	0.5 sec interval Alternately

EXPLANATION ON ACTION

If NG is detected on an item being diagnosed, turn off the power on this unit. As soon as the power goes off, turn on and off POWER LED and LAMP LED immediately. After the power is shut down, it becomes impossible to turn on the power until the power cable is either plugged in or unplugged from the AC outlet.

- When [1] and [3] take place at the same time, give priority to [1], and [2] will not take place simultaneously with [1] and [3].

HD-52Z575, HD-52Z585, HD-61Z575, HD-61Z585
STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal : Colour bar signal
(2)Setting positions of each knob/button and variable resistor : Original setting position when shipped
(3)Internal resistance of tester : DC 20kΩ/V
(4)Oscilloscope sweeping time : H ⇒ 20μs / div
: V ⇒ 5ms / div
: Ohthers ⇒ Sweeping time is specified
(5)Voltage values : All DC voltage values

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board : R1209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

No unit : [Ω]
K : [kΩ]
M : [MΩ]

● Rated allowable power

No indication : 1/16 [W]
Others : As specified

● Type

No indication : Carbon resistor
OMR : Oxide metal film resistor
MFR : Metal film resistor
MPR : Metal plate resistor
UNFR : Uninflammable resistor
FR : Fusible resistor

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

1 or higher : [pF]
less than 1 : [μF]

● Withstand voltage

No indication : DC50[V]
Others : DC withstand voltage [V]
AC indicated : AC withstand voltage [V]

∗ Electrolytic Capacitors
47/50[Example]: Capacitance value [μF]/withstand voltage[V]

● Type

No indication : Ceramic capacitor
MM : Metalized mylar capacitor
PP : Polypropylene capacitor
MPP : Metalized polypropylene capacitor
MF : Metalized film capacitor
TF : Thin film capacitor
BP : Bipolar electrolytic capacitor
TAN : Tantalum capacitor

(3)Coils

No unit : [μH]
Others : As specified

(4)Power Supply

═ : B1
▬ ▬ ▬ ▬ : B2 (12V)
▬ ▭ ▬ ▭ : 9V
▭ ▭ ▭ ▭ : 5V

∗Respective voltage values are indicated

(5)Test point

◉ : Test point
○ : Only test point display

(6)Connecting method

▭ : Connector
○ : Wrapping or soldering
→≻ →⊁ : Receptacle

(7)Ground symbol

⊥ : LIVE side ground
⏊ : ISOLATED(NEUTRAL) side ground
⏚ : EARTH ground
▽ : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⏊) side GND. Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

NOTE

◆ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
When ordering parts, please use the numbers that appear in the Parts List.

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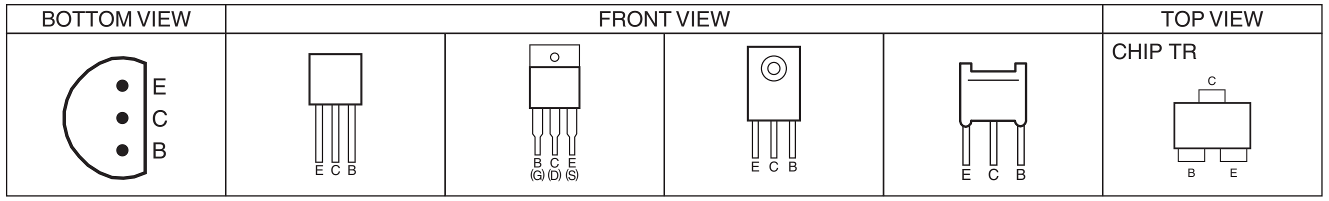
CHANNEL CHART (US) 2-103
CHANNEL CHART (CA) 2-104

USING P.W. BOARD

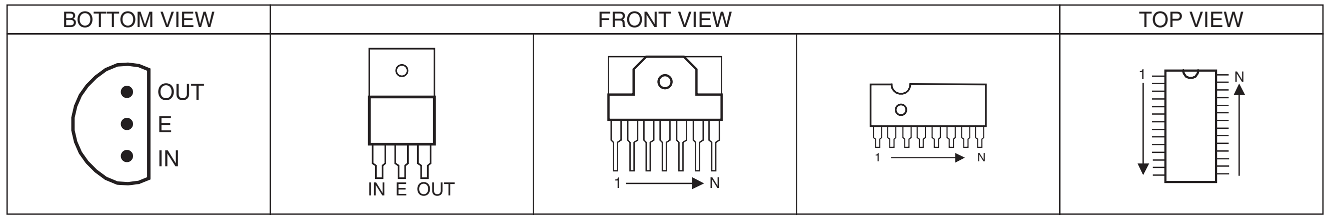
PWB ASS'Y name	HD-52Z575	HD-52Z585	HD-61Z575	HD-61Z585
RECEIVER P.W. BOARD	SRP0R005A-M2	←	←	←
REAR JACK P.W. BOARD	SRP0J005A-M2	←	←	←
ANALOG SIGNAL P.W. BOARD	SRP-1005A-M2	←	←	←
DIGITAL SIGNAL P.W. BOARD	SRP0D007A-M2	SRP0D005A-M2	SRP0D008A-M2	SRP0D006A-M2
SUB DRIVE P.W. BOARD	SRP-8405A-M2	←	←	←
MAIN DRIVE P.W BOARD	SRP-3005A-M2	←	←	←
POWER P.W. BOARD	SRP-9005A-M2	←	←	←
REGULATOR P.W. BOARD	SRP-2005A-M2	←	←	←
FAN CONTROL P.W. BOARD	SRP-8105A-M2	←	←	←
TEMP. SENSOR P.W. BOARD	SRP-8205A-M2	←	←	←
LAMP COVER SW P.W. BOARD	SRP0L205A-M2	←	←	←
SIDE CONTROL P.W. BOARD	SRP0L005A-M2	←	←	←
FRONT LED P.W. BOARD	SRP0L105A-M2	←	←	←
REMOTE SENSOR P.W. BOARD	SRP-8005A-M2	←	←	←

SEMICONDUCTOR SHAPES

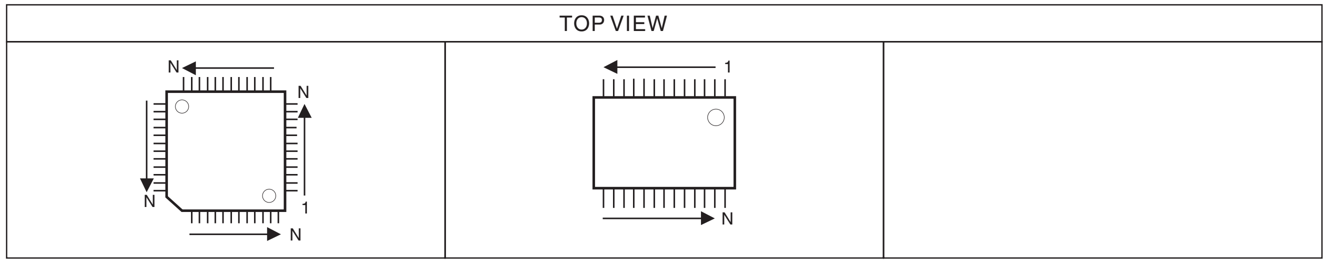
TRANSISTOR


BOTTOM VIEW
FRONT VIEW
TOP VIEW
E
C
B
E C B
B C E
(G) (D) (S)
E C B
E C B
CHIP TR
C
B E

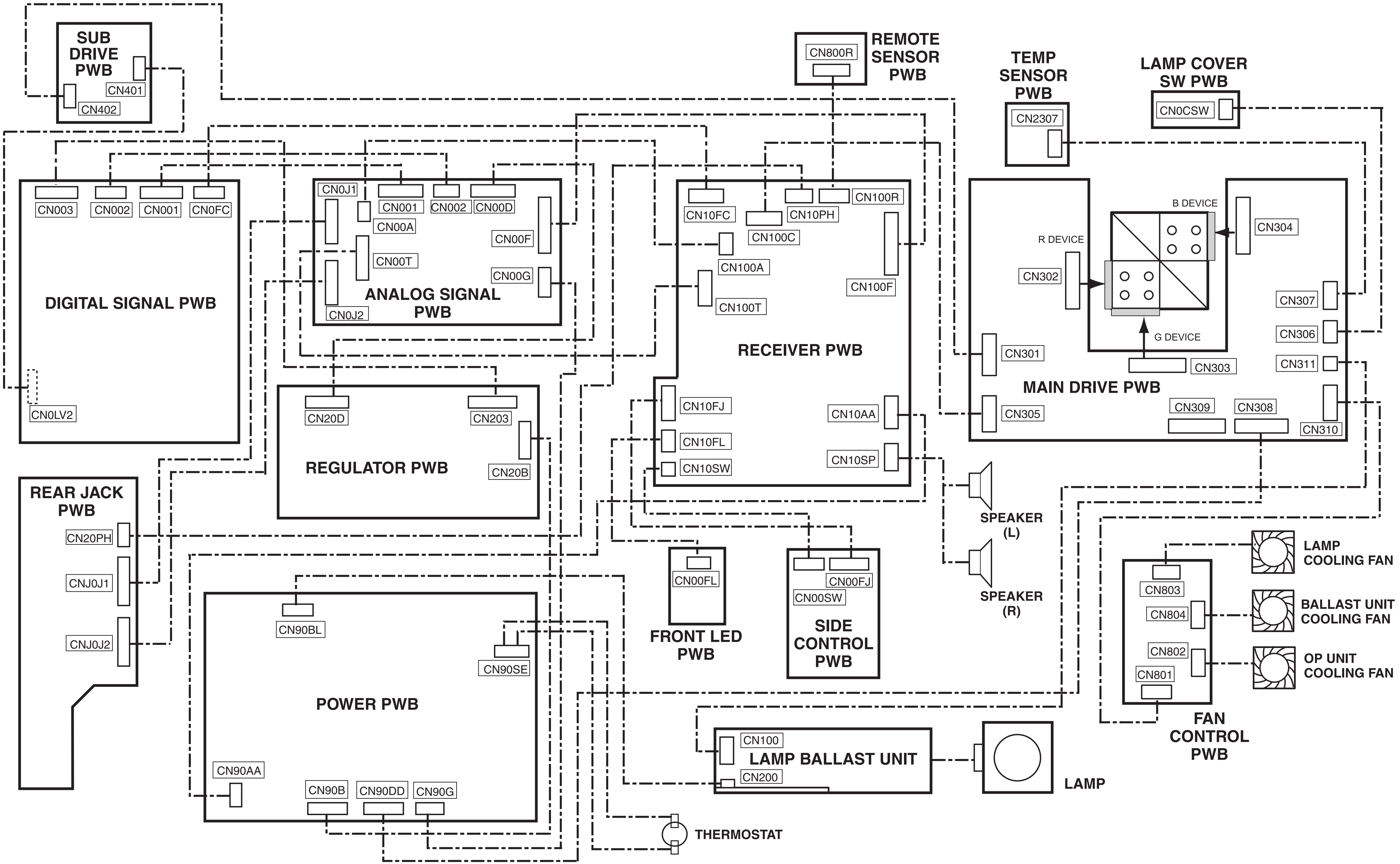
IC


BOTTOM VIEW
FRONT VIEW
TOP VIEW
OUT
E
IN
IN E OUT
1
N
1
N
1
N

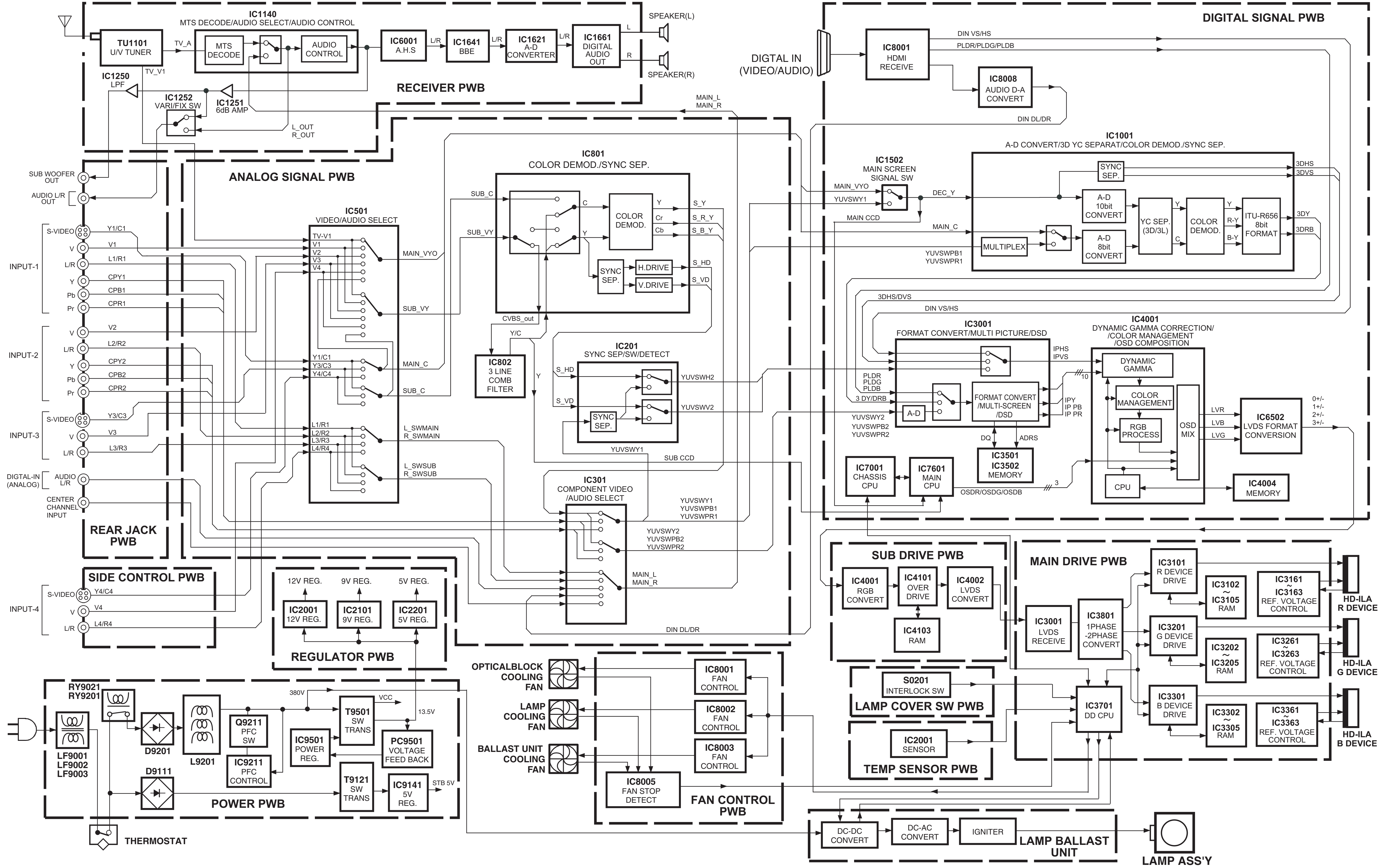
CHIP IC


TOP VIEW
N
N
N
1
N
1
N

WIRING DIAGRAM


SUB DRIVE PWB
CN401
CN402
REMOTE SENSOR PWB
CN800R
TEMP SENSOR PWB
CN2307
LAMP COVER SW PWB
CN0CSW
DIGITAL SIGNAL PWB
CN003
CN002
CN001
CN0FC
CN0LV2
ANALOG SIGNAL PWB
CN0J1
CN001
CN002
CN00D
CN00A
CN00T
CN00F
CN00G
CN0J2
RECEIVER PWB
CN10FC
CN10PH
CN100R
CN100C
CN100A
CN100T
CN100F
CN10FJ
CN10FL
CN10SW
CN10AA
CN10SP
MAIN DRIVE PWB
R DEVICE
B DEVICE
G DEVICE
CN302
CN304
CN301
CN303
CN307
CN306
CN311
CN305
CN309
CN308
CN310
REGULATOR PWB
CN20D
CN203
CN20B
REAR JACK PWB
CN20PH
CNJ0J1
CNJ0J2
SPEAKER (L)
SPEAKER (R)
FRONT LED PWB
CN00FL
SIDE CONTROL PWB
CN00FJ
CN00SW
LAMP COOLING FAN
BALLAST UNIT COOLING FAN
OP UNIT COOLING FAN
FAN CONTROL PWB
CN803
CN804
CN802
CN801
POWER PWB
CN90BL
CN90SE
CN90AA
CN90B
CN90DD
CN90G
LAMP BALLAST UNIT
CN100
CN200
LAMP
THERMOSTAT

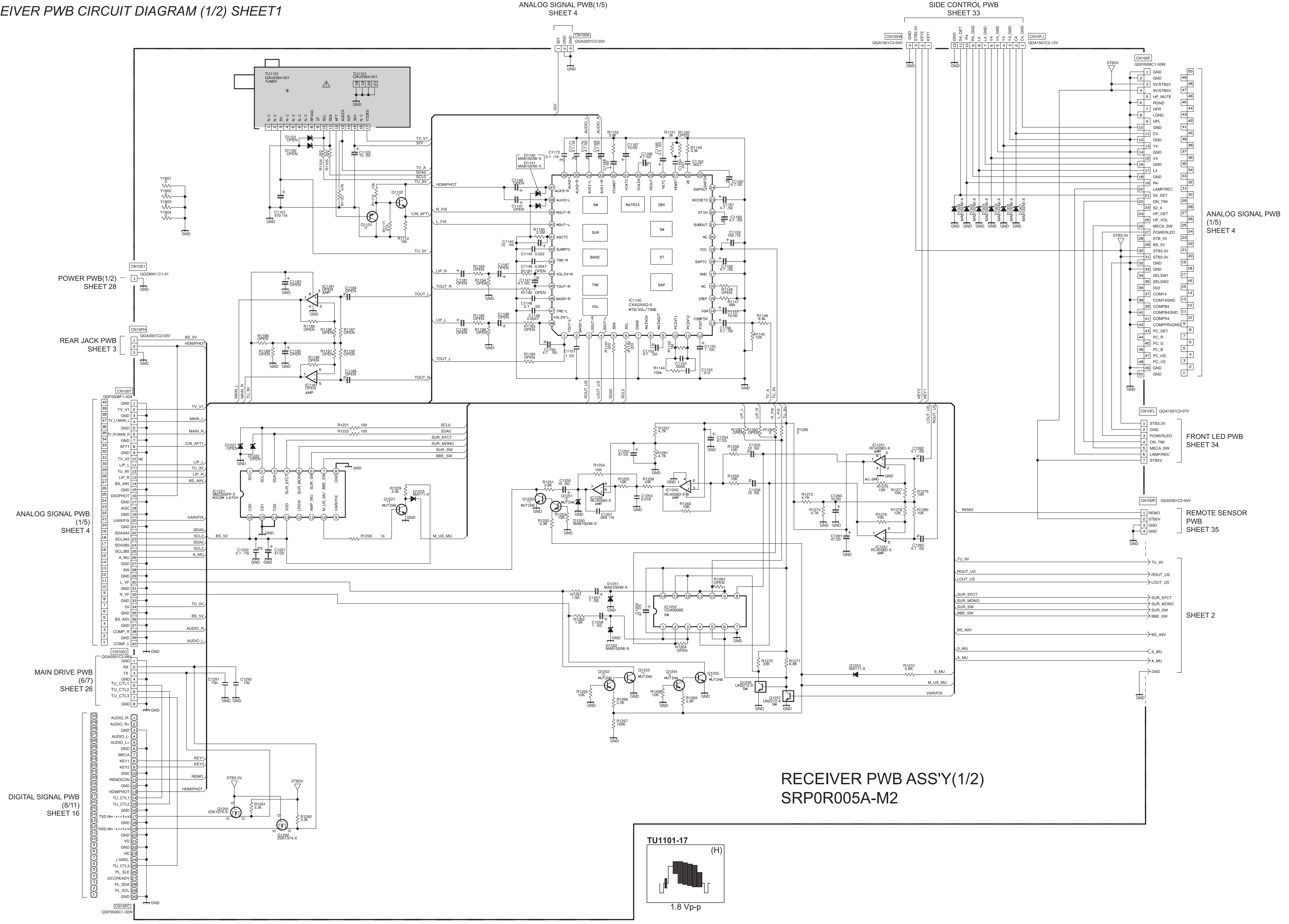
BLOCK DIAGRAM



RECEIVER PWB
TU1101
U/V TUNER
TV_A
TV_V1
IC1140
MTS DECODE/AUDIO SELECT/AUDIO CONTROL
MTS DECODE
AUDIO CONTROL
IC6001
A.H.S
L/R
IC1641
BBE
IC1621
A-D CONVERTER
IC1661
DIGITAL AUDIO OUT
L
R
SPEAKER(L)
SPEAKER(R)
IC1250
LPF
IC1252
VARI/FIX SW
IC1251
6dB AMP
L_OUT
R_OUT
MAIN_L
MAIN_R
ANALOG SIGNAL PWB
REAR JACK PWB
SUB WOOFER OUT
AUDIO L/R OUT
S-VIDEO
V
L/R
Y
Pb
Pr
INPUT-1
INPUT-2
INPUT-3
INPUT-4
Y1/C1
V1
L1/R1
CPY1
CPB1
CPR1
V2
L2/R2
CPY2
CPB2
CPR2
Y3/C3
V3
L3/R3
DIGTAL-IN (ANALOG)
AUDIO L/R
CENTER CHANNEL INPUT
SIDE CONTROL PWB
Y4/C4
V4
L4/R4
IC501
VIDEO/AUDIO SELECT
TV-V1
V1
V2
V3
V4
Y1/C1
Y3/C3
Y4/C4
L1/R1
L2/R2
L3/R3
L4/R4
MAIN_VYO
SUB_VY
MAIN_C
SUB_C
L_SWMAIN
R_SWMAIN
L_SWSUB
R_SWSUB
IC801
COLOR DEMOD./SYNC SEP.
SUB_C
SUB_VY
C
Y
COLOR DEMOD.
Y
Cr
Cb
S_Y
S_R_Y
S_B_Y
SYNC SEP.
H.DRIVE
V.DRIVE
S_HD
S_VD
CVBS_out
Y/C
IC802
3 LINE COMB FILTER
Y
IC201
SYNC SEP/SW/DETECT
S_HD
S_VD
SYNC SEP.
YUVSWH2
YUVSWV2
YUVSWY1
SUB CCD
IC301
COMPONENT VIDEO /AUDIO SELECT
YUVSWY1
YUVSWPB1
YUVSWPR1
YUVSWY2
YUVSWPB2
YUVSWPR2
MAIN_L
MAIN_R
DIN DL/DR
REGULATOR PWB
12V REG.
9V REG.
5V REG.
IC2001
12V REG.
IC2101
9V REG.
IC2201
5V REG.
POWER PWB
RY9021
RY9201
LF9001
LF9002
LF9003
D9201
L9201
Q9211
PFC SW
IC9211
PFC CONTROL
D9111
380V
IC9501
POWER REG.
T9501
SW TRANS
VCC
13.5V
PC9501
VOLTAGE FEED BACK
T9121
SW TRANS
IC9141
5V REG.
STB 5V
THERMOSTAT
OPTICALBLOCK COOLING FAN
LAMP COOLING FAN
BALLAST UNIT COOLING FAN
IC8001
FAN CONTROL
IC8002
FAN CONTROL
IC8003
FAN CONTROL
IC8005
FAN STOP DETECT
FAN CONTROL PWB
DIGITAL SIGNAL PWB
DIGITAL IN (VIDEO/AUDIO)
IC8001
HDMI RECEIVE
DIN VS/HS
PLDR/PLDG/PLDB
IC8008
AUDIO D-A CONVERT
DIN DL/DR
IC1001
A-D CONVERT/3D YC SEPARAT/COLOR DEMOD./SYNC SEP.
IC1502
MAIN SCREEN SIGNAL SW
MAIN_VYO
YUVSWY1
MAIN CCD
DEC_Y
MAIN_C
YUVSWPB1
YUVSWPR1
SYNC SEP.
A-D 10bit CONVERT
MULTIPLEX
A-D 8bit CONVERT
YC SEP. (3D/3L)
Y
C
COLOR DEMOD.
Y
R-Y
B-Y
ITU-R656 8bit FORMAT
3DHS
3DVS
3DY
3DRB
3DHS/DVS
DIN VS/HS
IC3001
FORMAT CONVERT/MULTI PICTURE/DSD
PLDR
PLDG
PLDB
3 DY/DRB
YUVSWY2
YUVSWPB2
YUVSWPR2
A-D
FORMAT CONVERT /MULTI-SCREEN /DSD
IPHS
IPVS
IPY
IP PB
IP PR
10
DQ
ADRS
IC3501
IC3502
MEMORY
IC4001
DYNAMIC GAMMA CORRECTION/ /COLOR MANAGEMENT /OSD COMPOSITION
DYNAMIC GAMMA
COLOR MANAGEMENT
RGB PROCESS
OSD MIX
CPU
LVR
LVB
LVG
IC6502
LVDS FORMAT CONVERSION
0+/-
1+/-
2+/-
3+/-
IC7001
CHASSIS CPU
IC7601
MAIN CPU
OSDR/OSDG/OSDB
3
IC4004
MEMORY
SUB DRIVE PWB
IC4001
RGB CONVERT
IC4101
OVER DRIVE
IC4002
LVDS CONVERT
IC4103
RAM
MAIN DRIVE PWB
IC3001
LVDS RECEIVE
IC3801
1PHASE -2PHASE CONVERT
IC3101
R DEVICE DRIVE
IC3102 ~ IC3105
RAM
IC3161 ~ IC3163
REF. VOLTAGE CONTROL
HD-ILA R DEVICE
IC3201
G DEVICE DRIVE
IC3202 ~ IC3205
RAM
IC3261 ~ IC3263
REF. VOLTAGE CONTROL
HD-ILA G DEVICE
IC3301
B DEVICE DRIVE
IC3302 ~ IC3305
RAM
IC3361 ~ IC3363
REF. VOLTAGE CONTROL
HD-ILA B DEVICE
IC3701
DD CPU
S0201
INTERLOCK SW
LAMP COVER SW PWB
IC2001
SENSOR
TEMP SENSOR PWB
DC-DC CONVERT
DC-AC CONVERT
IGNITER
LAMP BALLAST UNIT
LAMP ASS'Y

CIRCUIT DIAGRAMS

RECEIVER PWB CIRCUIT DIAGRAM (1/2) SHEET1

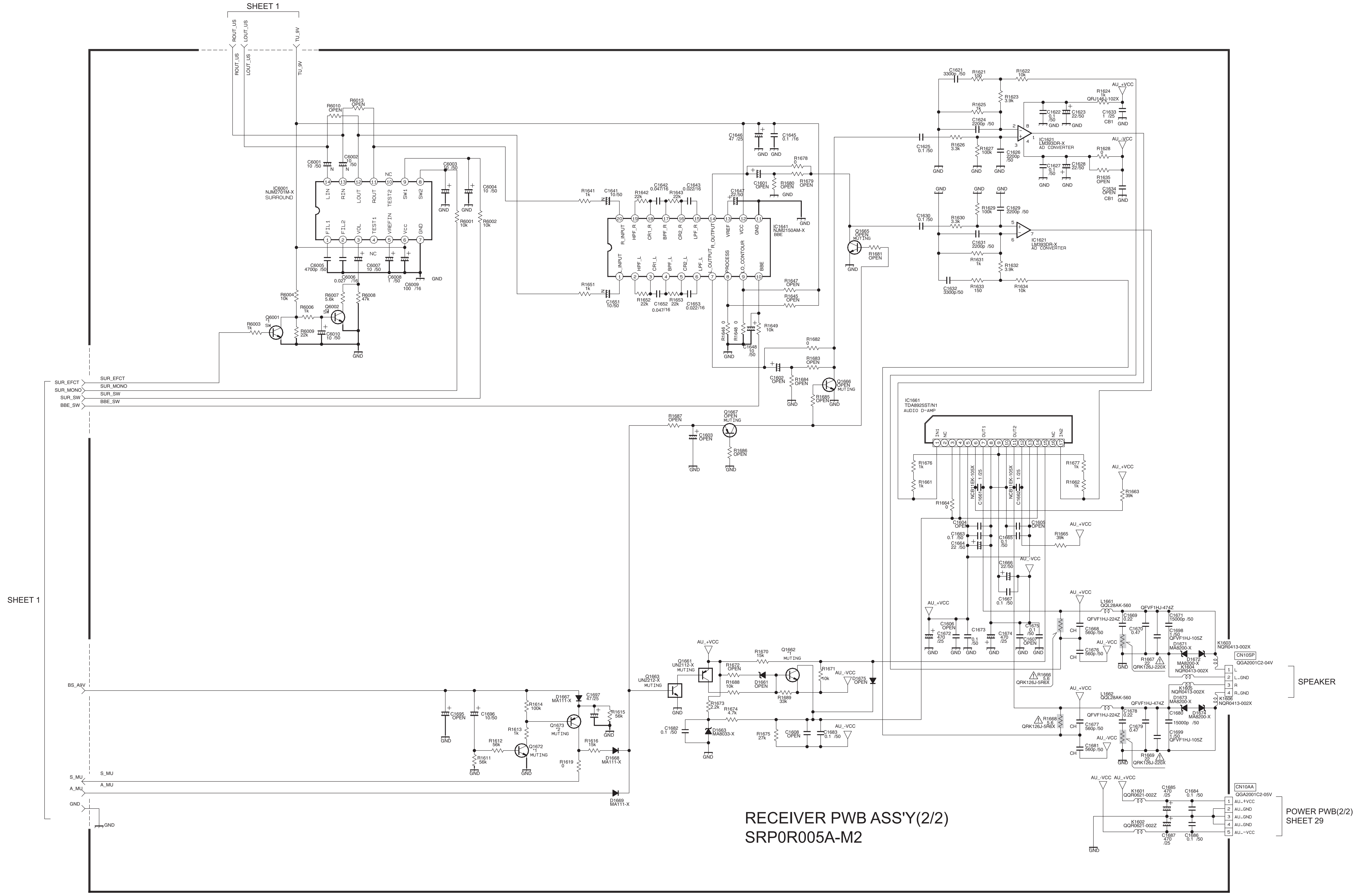

ANALOG SIGNAL PWB(1/5)
SHEET 4
CN100A
QGA2001C2-03V
SIDE CONTROL PWB
SHEET 33
CN10SW
QGA1501C2-04V
CN10FJ
QGA1501C2-12V
CN100F
QGF0508C1-50W
TU1101
QAU0364-001
TUNER
IC1140
CXA2205Q-X
MTS/VOL/TONE
POWER PWB(1/2)
SHEET 28
CN10E1
QGZ8001-C1-01
REAR JACK PWB
SHEET 3
CN10PH
QGA2001C2-03V
CN100T
QGF0508F1-40X
ANALOG SIGNAL PWB
(1/5)
SHEET 4
IC1221
M62320FP-X
MICOM LATCH
IC1181
IC1182
AMP
Q1221
MUTING
IC1250
RC4558D-X
IC1251
RC4558D-X
AMP
IC1252
CD4066BE
SW
Q1252
Q1253
Q1254
Q1255
MUTING
Q1256
Q1257
UN2212-X
SW
D1251
MA8100/M/-X
D1252
MA8100/M/-X
D1253
MA111-X
CN100C
QGA2001C2-08V
MAIN DRIVE PWB
(6/7)
SHEET 26
DIGITAL SIGNAL PWB
(8/11)
SHEET 16
CN10FC
QGF0508C1-30W
Q1291
2SK1374-X
Q1292
2SK1374-X
STB3.3V
STB5V
ANALOG SIGNAL PWB
(1/5)
SHEET 4
FRONT LED PWB
SHEET 34
CN10FL
QGA1501C2-07V
REMOTE SENSOR
PWB
SHEET 35
CN100R
QGA2001C2-04V
SHEET 2
TU1101-17
(H)
1.8 Vp-p

RECEIVER PWB ASS'Y(1/2)
SRP0R005A-M2

MODE PIN NO.	DC (V)
TU1101	
1	NC
2	NC
3	4.9
4	NC
5	NC
6	NC
7	NC
8	NC
9	NC
10	4.3
11	4.1
12	2.7
13	1.8
14	NC
15	34.1
16	NC
17	2
IC1140	
1	4
2	4
3	4
4	4
5	4.9
6	4.9
7	0
8	3.9
9	3.9
10	4
11	3.8
12	3.2
13	4
14	1.2
15	1.3
16	0
17	0
18	3.2
19	8.8
20	NC
21	4
22	4
23	4
24	3.8
25	4
26	3.9
27	4
28	1.9
29	4
30	4
31	1.8
32	4
33	4
34	4
35	4
36	4
37	4
38	4
39	3.9
40	3.9
41	1.1
42	4
43	4
44	4
45	4
46	4
47	4
48	4
IC1251	
1	4
2	4
3	4
4	0
5	4
6	4
7	4
8	8.8

MODE PIN NO.	DC (V)
IC1250	
1	4
2	4
3	4
4	0
5	5
6	6
7	4
8	8.8
IC1221	
1	NC
2	4.9
3	4.9
4	4.9
5	2.8
6	0
7	4.7
8	0
9	NC
10	0
11	NC
12	NC
13	4.8
14	0
15	0
16	4.8
IC1252	
1	4
2	3.9
3	4
4	4
5	8.8
6	8.8
7	0
8	4
9	4
10	3.9
11	8
12	8.8
13	8.8
14	0
Q1206	
E	0
C	8.8
B	8.8
IC1207	
E	0
C	8.8
B	0
Q1252	
E	0
C	-2.3
B	0
Q1253	
E	0
C	0
B	-2.3
Q1254	
E	0
C	-2.3
B	0
Q1255	
E	0
C	0
B	-2.3
Q1291	
S	4.9
G	3.2
D	4.8
Q1292	
S	4.9
G	3.2
D	4.8

RECEIVER PWB CIRCUIT DIAGRAM (2/2) SHEET 2


SHEET 1
ROUT_US
LOUT_US
TU_9V
IC6001
NJM2701M-X
SURROUND
IC1641
NJM2150AM-X
BBE
IC1621
LM393DR-X
AD CONVERTER
IC1661
TDA8925ST/N1
AUDIO D-AMP
Q1665
OPEN
MUTING
Q1666
OPEN
MUTING
Q1667
OPEN
MUTING
Q1661
UN2112-X
MUTING
Q1662
MUTING
Q1663
UN2212-X
MUTING
Q1672
MUTING
Q1673
MUTING
Q6001
SW
Q6002
SW
SUR_EFCT
SUR_MONO
SUR_SW
BBE_SW
BS_A9V
S_MU
A_MU
GND
SHEET 1
AU_+VCC
AU_-VCC
L1661
QQL28AK-560
L1662
QQL28AK-560
K1603
NQR0413-002X
K1605
NQR0413-002X
K1606
NQR0413-002X
K1601
QQR0621-002Z
K1609
QQR0621-002Z
CN10SP
QGA2001C2-04V
1 L
2 L_GND
3 R
4 R_GND
SPEAKER
CN10AA
QGA2001C2-05V
1 AU_+VCC
2 AU_GND
3 AU_GND
4 AU_GND
5 AU_-VCC
POWER PWB(2/2)
SHEET 29
RECEIVER PWB ASS'Y(2/2)
SRP0R005A-M2

MODE PIN NO.	DC (V)
IC6001	
1	4.4
2	4.4
3	4.4
4	NC
5	4.4
6	9
7	0
8	0
9	0
10	NC
11	4.4
12	4.4
13	4.4
14	4.4
IC1641	
1	4.4
2	0
3	0
4	4.4
5	4.4
6	4.4
7	0
8	0
9	0
10	4.7
11	0
12	8.9
13	4.4
14	4.4
15	4.4
16	4.4
17	4.4
18	4.4
19	4.4
20	4.4
IC1621	
1	-13.5
2	0
3	0
4	-13.7
5	0
6	0
7	-13.6
8	12.9
IC1661	
1	-13.5
2	-0.1
3	-13.7
4	-13.7
5	13.6
6	8.9
7	1.7
8	-13.7
9	-0.6
10	-13.7
11	1.7
12	8.9
13	13.6
14	-13.7
15	-3.1
16	-0.1
17	-13.5
Q1661	
E	13.6
C	13.5
B	0
Q1662	
E	-13.7
C	-13.7
B	-13
Q1663	
E	0
C	0
B	1.8
Q1672	
E	0
C	12
B	0
Q1673	
E	11.3
C	0
B	12
Q6001	
E	0
C	3.2
B	2.8
Q6002	
E	0
C	4.4
B	3.2

REAR JACK PWB CIRCUIT DIAGRAM SHEET 3

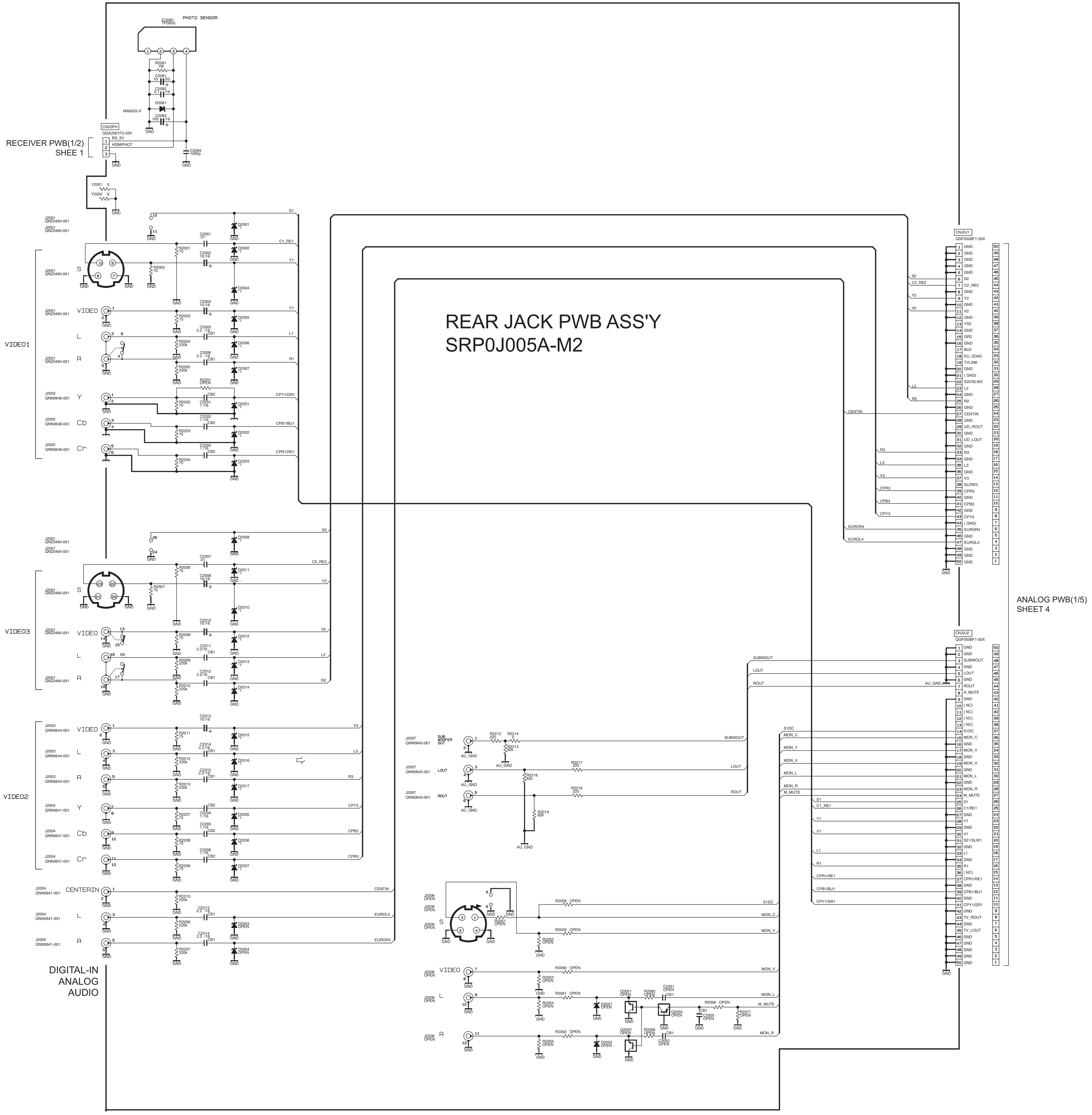
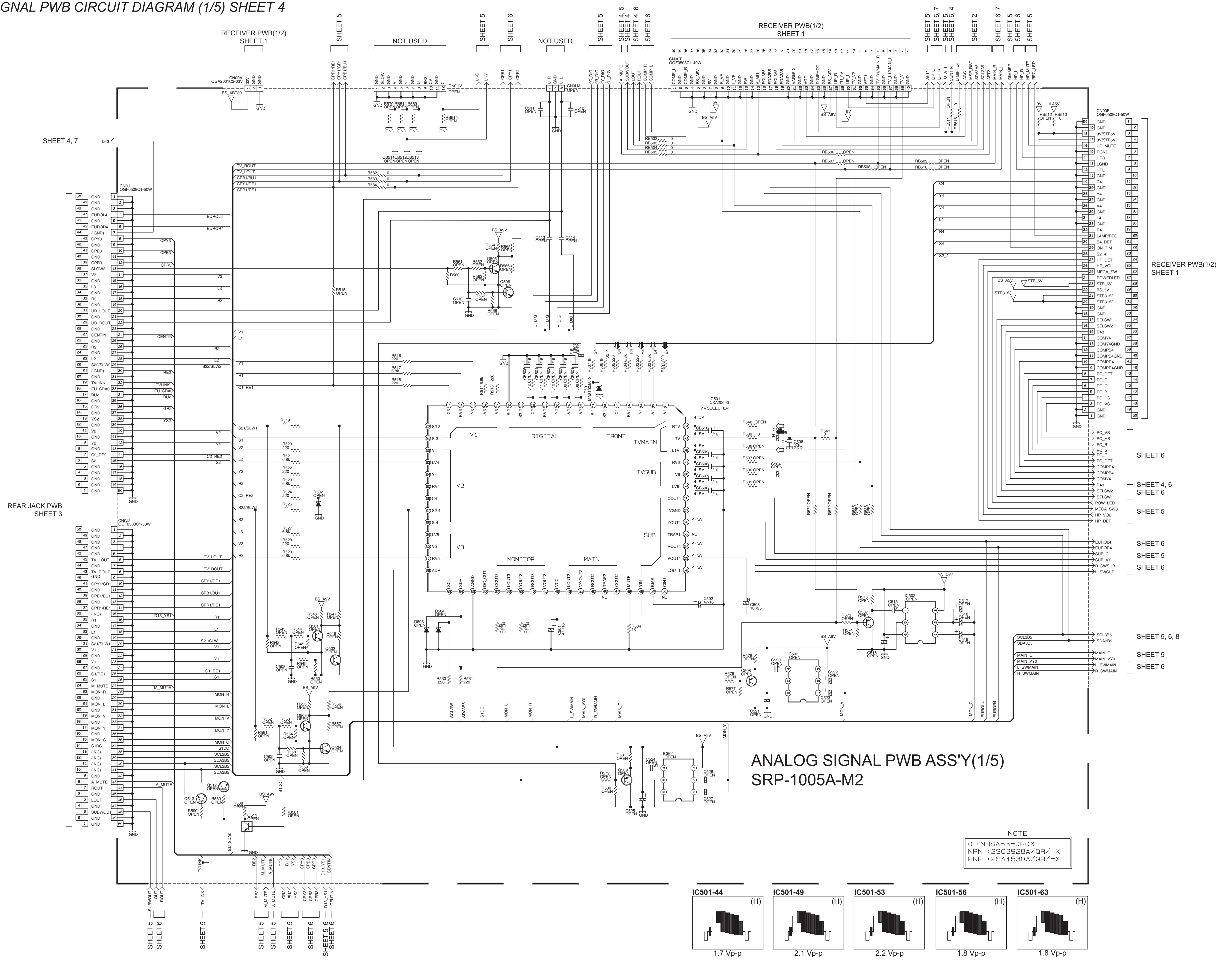


PHOTO SENSOR
RECEIVER PWB(1/2) SHEE 1
REAR JACK PWB ASS'Y
SRP0J005A-M2
VIDEO1
S
VIDEO
L
R
Y
Cb
Cr
VIDEO3
VIDEO2
CENTERIN
DIGITAL-IN ANALOG AUDIO
CN3J1
CN3J2
ANALOG PWB(1/5) SHEET 4
SUBWOUT
LOUT
ROUT
AU_GND
GND

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (1/5) SHEET 4


RECEIVER PWB(1/2)
SHEET 1
SHEET 5
NOT USED
SHEET 5
SHEET 6
NOT USED
SHEET 5
SHEET 4, 5
SHEET 4
SHEET 4, 6
SHEET 6
RECEIVER PWB(1/2)
SHEET 1
SHEET 5
SHEET 6, 7
SHEET 5
SHEET 6, 4
SHEET 2
SHEET 6, 7
SHEET 5
SHEET 6
SHEET 5
CN00A
CN00UV
CN00UA
CN00T QGF0508C1-40W
CN00F QGF0508C1-50W
CN0J1 QGF0508C1-50W
CN0J2 QGF0508C1-50W
SHEET 4, 7
REAR JACK PWB
SHEET 3
RECEIVER PWB(1/2)
SHEET 1
IC501
CXA20690
AV SELECTER
V1
DIGITAL
FRONT
TVMAIN
TVSUB
V2
V3
MONITOR
MAIN
SUB
SHEET 6
SHEET 4, 6
SHEET 6
SHEET 5
SHEET 6
SHEET 5
SHEET 6
SHEET 5, 6, 8
SHEET 5
SHEET 6
SHEET 5
SHEET 6
SHEET 5
SHEET 5
SHEET 5
SHEET 6
SHEET 5, 6
SHEET 6
IC501-44
(H)
1.7 Vp-p
IC501-49
(H)
2.1 Vp-p
IC501-53
(H)
2.2 Vp-p
IC501-56
(H)
1.8 Vp-p
IC501-63
(H)
1.8 Vp-p

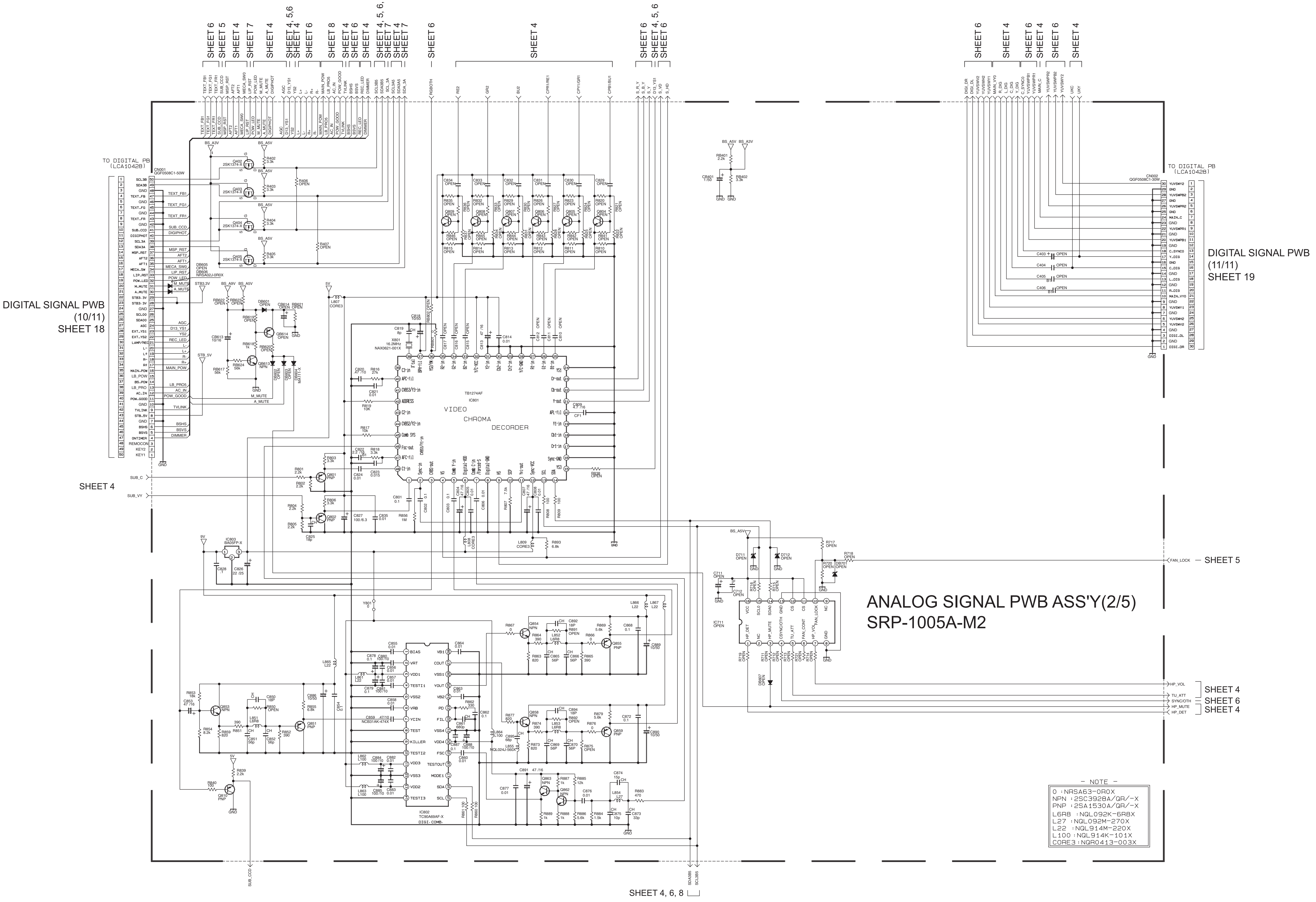
ANALOG SIGNAL PWB ASS'Y(1/5)
SRP-1005A-M2

- NOTE -

0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X

MODE PIN NO.	DC (V)
IC501	
1	4
2	4.5
3	4
4	4.5
5	4.4
6	0.1
7	4.9
8	4.1
9	4.4
10	4.1
11	4.4
12	4.4
13	6.8
14	0
15	4.3
16	4.4
17	4.3
18	4.4
19	4.4
20	6.7
21	0
22	3.8
23	4.4
24	4
25	4.5
26	4.4
27	6.7
28	0
29	4.4
30	4
31	4.5
32	9
33	4.8
34	4.8
35	0
36	0
37	4.4
38	4.4
39	3.7
40	4.4
41	4.4
42	9
43	4.5
44	4.3
45	4.5
46	3.7
47	0
48	0
49	4.9
50	4.4
5	0
52	4.5
53	4.4
54	4.5
55	3.7
56	4
57	0
58	4.2
59	4.4
60	4
61	4.4
62	4.4
63	4.4
64	4.4

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (2/5) SHEET 5


SHEET 6
SHEET 5
SHEET 4
SHEET 7
SHEET 4
SHEET 4, 5,6
SHEET 4
SHEET 6
SHEET 8
SHEET 4
SHEET 6
SHEET 4
SHEET 4, 5, 6, 8
SHEET 5
SHEET 4
SHEET 7
SHEET 6
SHEET 4
SHEET 6
SHEET 4, 5, 6
SHEET 6
SHEET 6
SHEET 4
SHEET 6
SHEET 4
SHEET 6
SHEET 4
TO DIGITAL PB (LCA1042B)
CN001 QGF0508C1-50W
DIGITAL SIGNAL PWB (10/11) SHEET 18
TO DIGITAL PB (LCA1042B)
CN002 QGF0508C1-30W
DIGITAL SIGNAL PWB (11/11) SHEET 19
SHEET 4
SUB_C
SUB_VY
VIDEO CHROMA DECORDER
TB1274AF
IC801
X801 16.2MHz NAX0621-001X
IC803 BA05FP-X
IC802 TC90A69AF-X DIGI.COMB.
IC711 OPEN
FAN_LOCK
SHEET 5
HP_VOL
TU_ATT
SYNCIOTH
HP_MUTE
HP_DET
SHEET 4
SHEET 6
SHEET 4
SDA385
SCL385
SHEET 4, 6, 8
SUB_CCD
ANALOG SIGNAL PWB ASS'Y(2/5)
SRP-1005A-M2

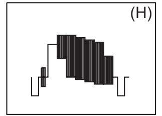
- NOTE -

0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X
L6R8 :NQL092K-6R8X
L27 :NQL092M-270X
L22 :NQL914M-220X
L100 :NQL914K-101X
CORE3 :NQR0413-003X

MODE PIN NO.	DC (V)
IC801	
1	2.3
2	2
3	1.5
4	0.1
5	2.2
6	4.8
7	2.4
8	0
9	0.3
10	0.8
11	2.3
12	4.8
13	4.8
14	4.8
15	0
16	0
17	0
18	0
19	0
20	2.3
21	1.5
22	1.7
23	1.7
24	0
25	2.4
26	2.4
27	2.4
28	0
29	0
30	0
31	0
32	4.8
33	2.4
34	2.4
35	2.4
36	0.5
37	4.8
38	3.8
39	1.6
40	3.2
41	2.2
42	4.4
43	1.6
44	2.2
45	4.8
46	1.8
47	3.6
48	1.7
IC802	
1	1.3
2	3
3	4.8
4	2.4
5	0
6	1.8
7	2.2
8	0
9	0
10	0
11	4.7
12	0
13	4.8
14	0
15	4.9
16	4.8
17	0
18	0
19	2.4
20	4.8
21	0
22	2.6
23	2.6
24	3.3
25	3.3
26	0
27	3.5
28	1.6

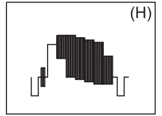
MODE PIN NO.	DC (V)
IC803	
1	9
2	0
3	5
Q402	
S	3
D	3.1
G	4.9
Q403	
S	2.9
D	3.1
G	4.8
Q404	
S	3
D	3.2
G	4.8
Q405	
S	3
D	3.2
G	4.9
Q801	
E	2.7
C	0
B	2.1
Q802	
E	2.6
C	0
B	2
Q810	
E	2
C	0
B	1.4
Q851	
E	1.6
C	0
B	1
Q853	
E	2
C	8.9
B	2.6
Q854	
E	2.6
C	8.9
B	3.3
Q855	
E	1.9
C	0
B	1.3
Q858	
E	2.9
C	9
B	3.5
Q859	
E	3.5
C	0
B	2.9
Q862	
E	0.9
C	3.9
B	1.5
Q863	
E	3.2
C	4.8
B	3.9

IC801-1



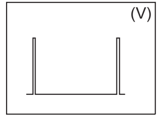
1.0 Vp-p

IC801-3



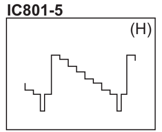
2.1 Vp-p

IC801-4



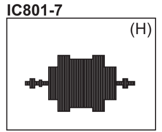
4.8 Vp-p

IC801-5



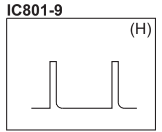
0.8 Vp-p

IC801-7



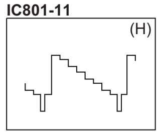
0.7 Vp-p

IC801-9



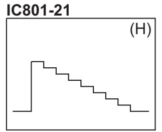
4.2 Vp-p

IC801-11



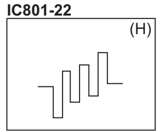
0.8 Vp-p

IC801-21



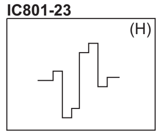
0.7 Vp-p

IC801-22



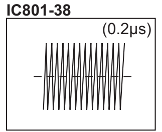
0.5 Vp-p

IC801-23



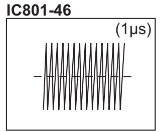
0.5 Vp-p

IC801-38



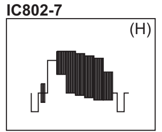
0.3 Vp-p

IC801-46



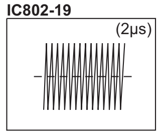
0.8 Vp-p

IC802-7



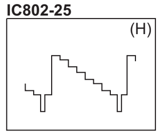
1.0 Vp-p

IC802-19



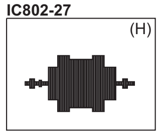
0.5 Vp-p

IC802-25



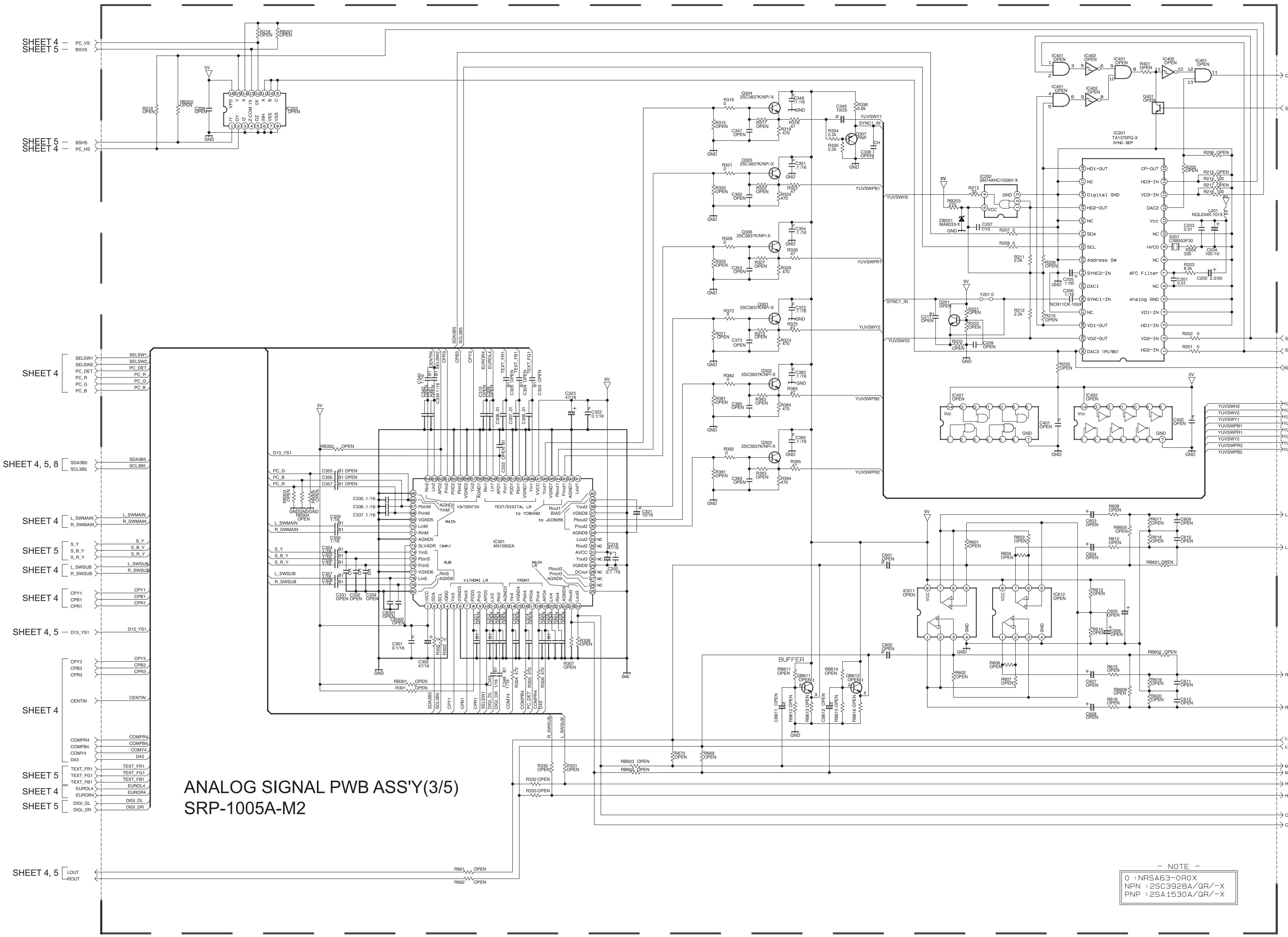
1.7 Vp-p

IC802-27



1.1 Vp-p

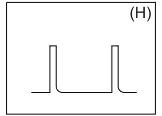
ANALOG SIGNAL PWB CIRCUIT DIAGRAM (3/5) SHEET 6


SHEET 4
SHEET 5
PC_VS
BSVS
BSHS
PC_HS
SHEET 4, 5, 8
SHEET 4, 5
SHEET 4, 7
SELSW1
SELSW2
PC_DET
PC_R
PC_G
PC_B
SDA3B5
SCL3B5
L_SWMAIN
R_SWMAIN
S_Y
S_B_Y
S_R_Y
L_SWSUB
R_SWSUB
CPY1
CPB1
CPR1
D13_YS1
CPY3
CPB3
CPR3
CENTIN
COMPR4
COMPB4
COMY4
D43
TEXT_FR1
TEXT_FG1
TEXT_FB1
EUROL4
EURO R4
DIGI_DL
DIGI_DR
LOUT
ROUT
IC301
AN15852A
IC201
TA1370FG-X
SYNC SEP
IC202
SN74AHC1G08V-X
IC401
IC402
Q301
Q302
Q303
Q304
Q305
Q306
Q307
2SC3837K/NP/-X
BUFFER
IC611
IC612
C_SYNC0
SYNC/OTH
S_VD
S_HD
RGBOTH
YUVSWH2
YUVSWV2
YUVSWY1
YUVSWPB1
YUVSWPR1
YUVSWY2
YUVSWPR2
YUVSWPB2
L+
L-
R-
R+
LIP_L
LIP_R
MAIN_L
MAIN_R
HP_L
HP_R
COMP_L
COMP_R
5V
9V
GND
OPEN

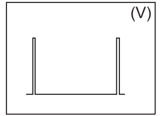
ANALOG SIGNAL PWB ASS'Y(3/5)
SRP-1005A-M2

- NOTE -
0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X

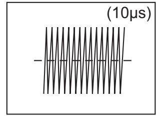
MODE PIN NO.	DC (V)
IC201	
1	0.3
2	0.1
3	0
4	0
5	0
6	0
7	6.2
8	0
9	4.8
10	0
11	8.8
12	1.3
13	0
14	0
15	0
16	0
17	0
18	0
19	0.5
20	0
21	4.9
22	4.9
23	0
24	2.1
25	1.2
26	2.1
27	0
28	2.4
29	0.1
30	0.5
IC202	
1	0.5
2	0.5
3	0
4	0.2
5	0
IC301	
1	4.8
2	4.9
3	4.9
4	0
5	4.7
6	0
7	4.6
8	4.7
9	4.7
10	0.4
11	4.5
12	4.4
13	0
14	4.6
15	0
16	4.7
17	4.7
18	4.7
19	0
20	4.5
21	4.4
22	0
23	4.4
24	4.5
25	0
26	4.4
27	4.4
28	0
29	0
30	4.4
31	9
32	4.5
33	4.5
34	0
35	4.5
36	4.5
37	0
38	4.5
39	4.5
40	4.5
41	4.5
42	0
43	4.5
44	4.5
45	0
46	4.5
47	8.9
48	4.7
49	0
50	4.7
51	0
52	4.7
53	0
54	4.4
55	4.4
56	0
57	4.6
58	0
59	4.7
60	0
61	4.7
62	0.4
63	4.4
64	4.5
65	0
66	4.6
67	4.7
68	4.6
69	0
70	4.4
71	4.3
72	0
73	4.8
74	4.7
75	4.6
76	4.6
77	0
78	4.4
79	4.5
80	0
Q301	
E	0
C	2.9
B	4.5
Q302	
E	0
C	2.9
B	4.5
Q303	
E	0
C	2.9
B	4.5
Q304	
E	0
C	2.9
B	4.5
Q305	
E	0
C	2.9
B	4.5
Q306	
E	0
C	2.9
B	4.5
Q307	
E	2.9
C	0
B	2.3

IC201-1


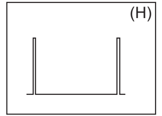
4.5 Vp-p

IC201-2


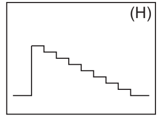
4.8 Vp-p

IC201-9


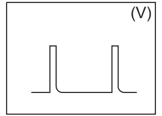
0.2 Vp-p

IC201-19


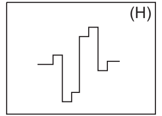
3.2 Vp-p

IC201-26


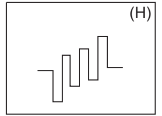
0.4 Vp-p

IC201-29


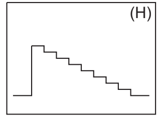
3.0 Vp-p

IC301-35


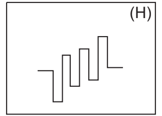
0.9 Vp-p

IC301-36


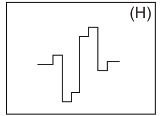
0.9 Vp-p

IC301-38


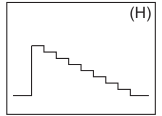
1.2 Vp-p

IC301-43


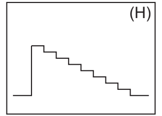
0.6 Vp-p

IC301-44


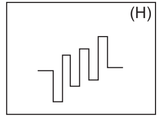
0.6 Vp-p

IC301-46


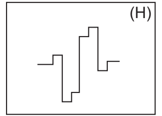
0.7 Vp-p

IC301-74


0.7 Vp-p

IC301-75


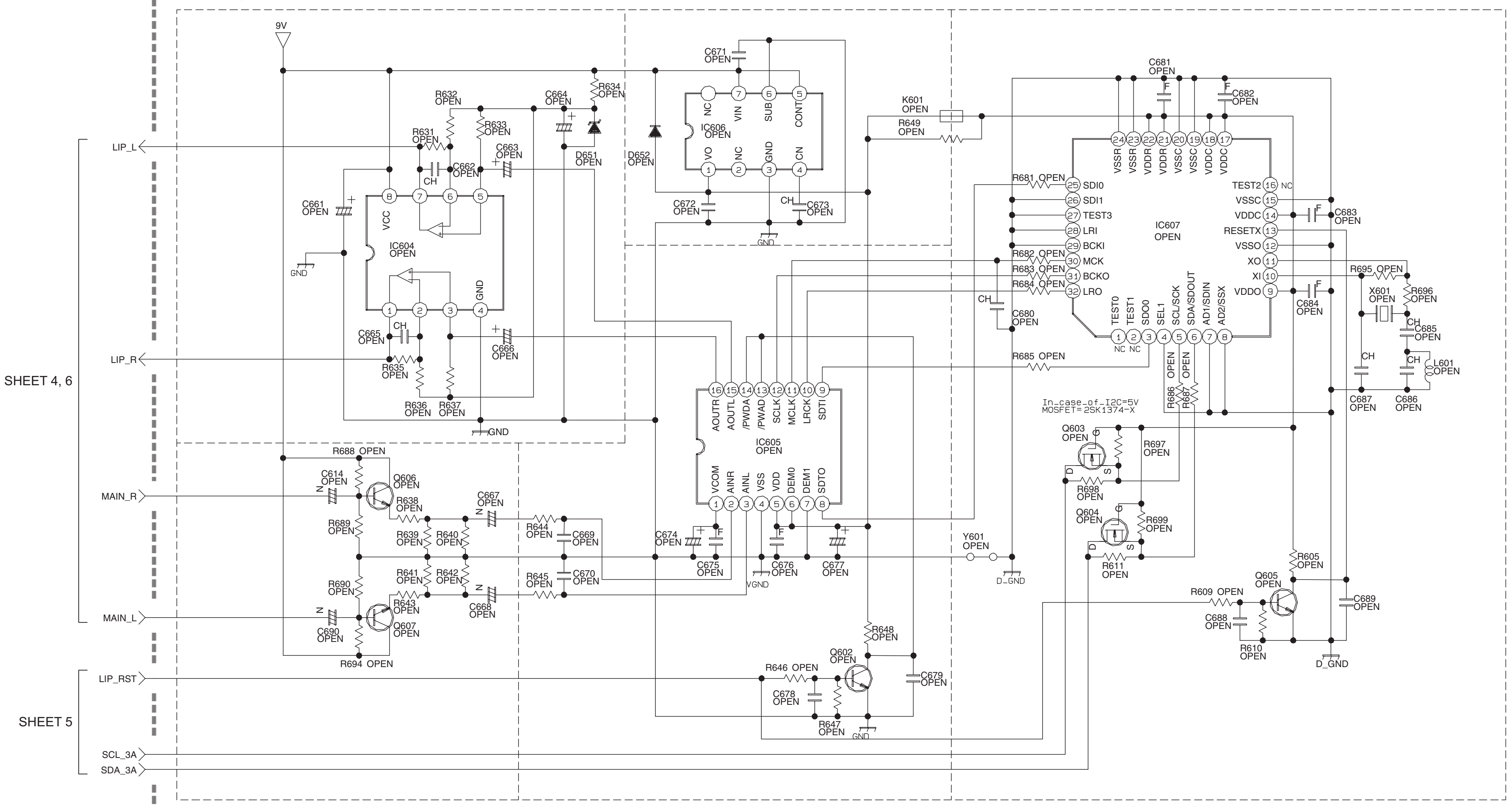
0.5 Vp-p

IC301-76


0.5 Vp-p

ANALOG SIGNAL PWB ASS'Y(4/5)
SRP-1005A-M2

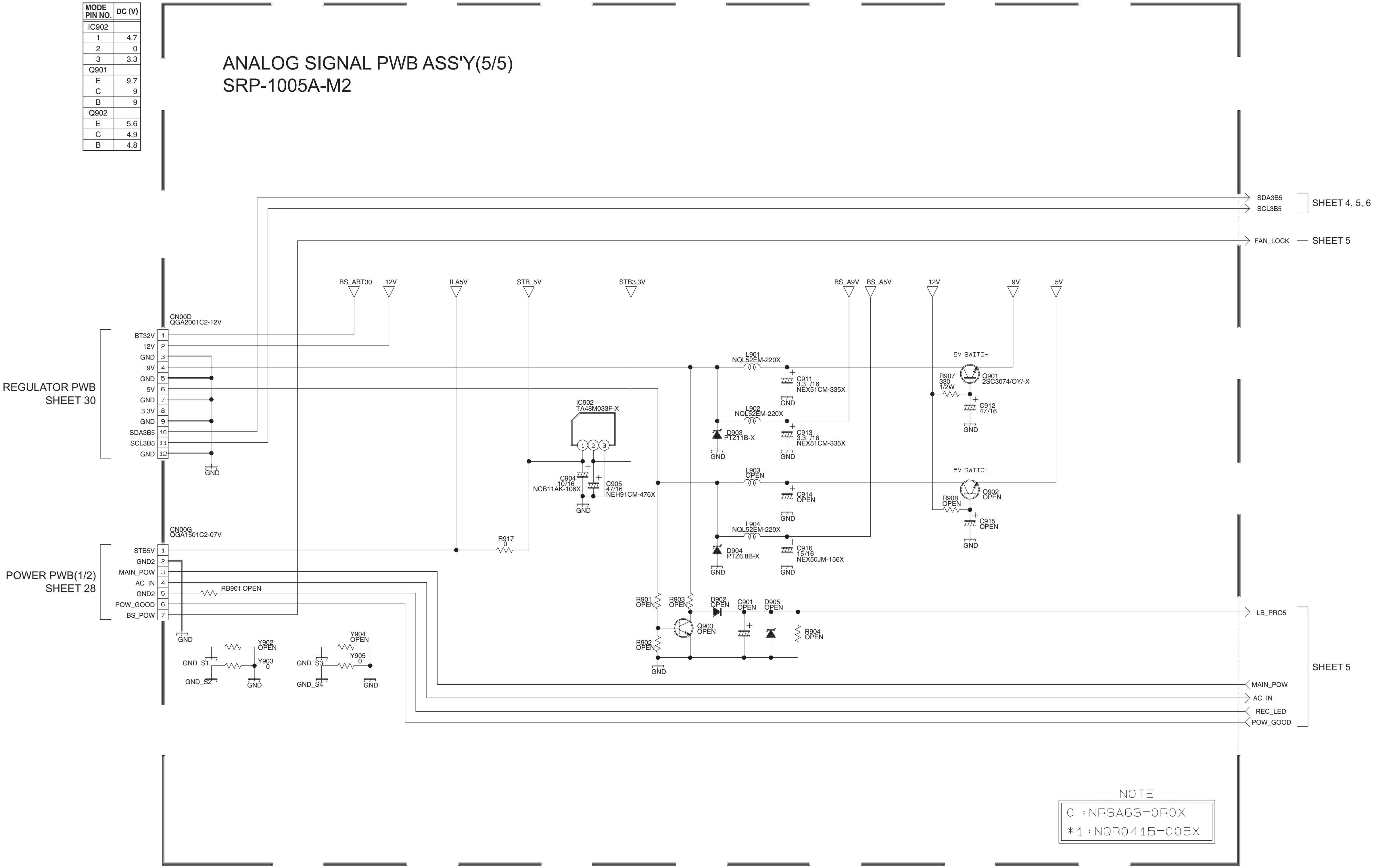
ALL OPEN


SHEET 4, 6
SHEET 5
LIP_L
LIP_R
MAIN_R
MAIN_L
LIP_RST
SCL_3A
SDA_3A
9V
GND
VGND
D_GND
IC604 OPEN
VCC
IC606 OPEN
NC
VIN
SUB
CONT
VO
CN
IC605 OPEN
AOUTR
AOUTL
/PWDA
/PWAD
SCLK
MCLK
LRCK
SDTI
VCOM
AINR
AINL
VSS
VDD
DEM0
DEM1
SDTO
IC607 OPEN
VSSR
VDDR
VSSC
VDDC
TEST2
VSSO
RESETX
XO
XI
VDDO
SDI0
SDI1
TEST3
LRI
BCKI
MCK
BCKO
LRO
TEST0
TEST1
SDO0
SEL1
SCL/SCK
SDA/SDOUT
AD1/SDIN
AD2/SSX
NC
CH
K601 OPEN
Y601 OPEN
X601 OPEN
L601 OPEN
D651 OPEN
D652 OPEN
Q602 OPEN
Q603 OPEN
Q604 OPEN
Q605 OPEN
Q606 OPEN
Q607 OPEN
In_case_of_I2C=5V
MOSFET=2SK1374-X
R631 OPEN
R632 OPEN
R633 OPEN
R634 OPEN
R635 OPEN
R636 OPEN
R637 OPEN
R638 OPEN
R639 OPEN
R640 OPEN
R641 OPEN
R642 OPEN
R643 OPEN
R644 OPEN
R645 OPEN
R646 OPEN
R647 OPEN
R648 OPEN
R649 OPEN
R681 OPEN
R682 OPEN
R683 OPEN
R684 OPEN
R685 OPEN
R686 OPEN
R687 OPEN
R688 OPEN
R689 OPEN
R690 OPEN
R694 OPEN
R695 OPEN
R696 OPEN
R697 OPEN
R698 OPEN
R699 OPEN
R605 OPEN
R609 OPEN
R610 OPEN
R611 OPEN
C614 OPEN
C661 OPEN
C662 OPEN
C663 OPEN
C664 OPEN
C665 OPEN
C666 OPEN
C667 OPEN
C668 OPEN
C669 OPEN
C670 OPEN
C671 OPEN
C672 OPEN
C673 OPEN
C674 OPEN
C675 OPEN
C676 OPEN
C677 OPEN
C678 OPEN
C679 OPEN
C680 OPEN
C681 OPEN
C682 OPEN
C683 OPEN
C684 OPEN
C685 OPEN
C686 OPEN
C687 OPEN
C688 OPEN
C689 OPEN
C690 OPEN

− NOTE −

O :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X

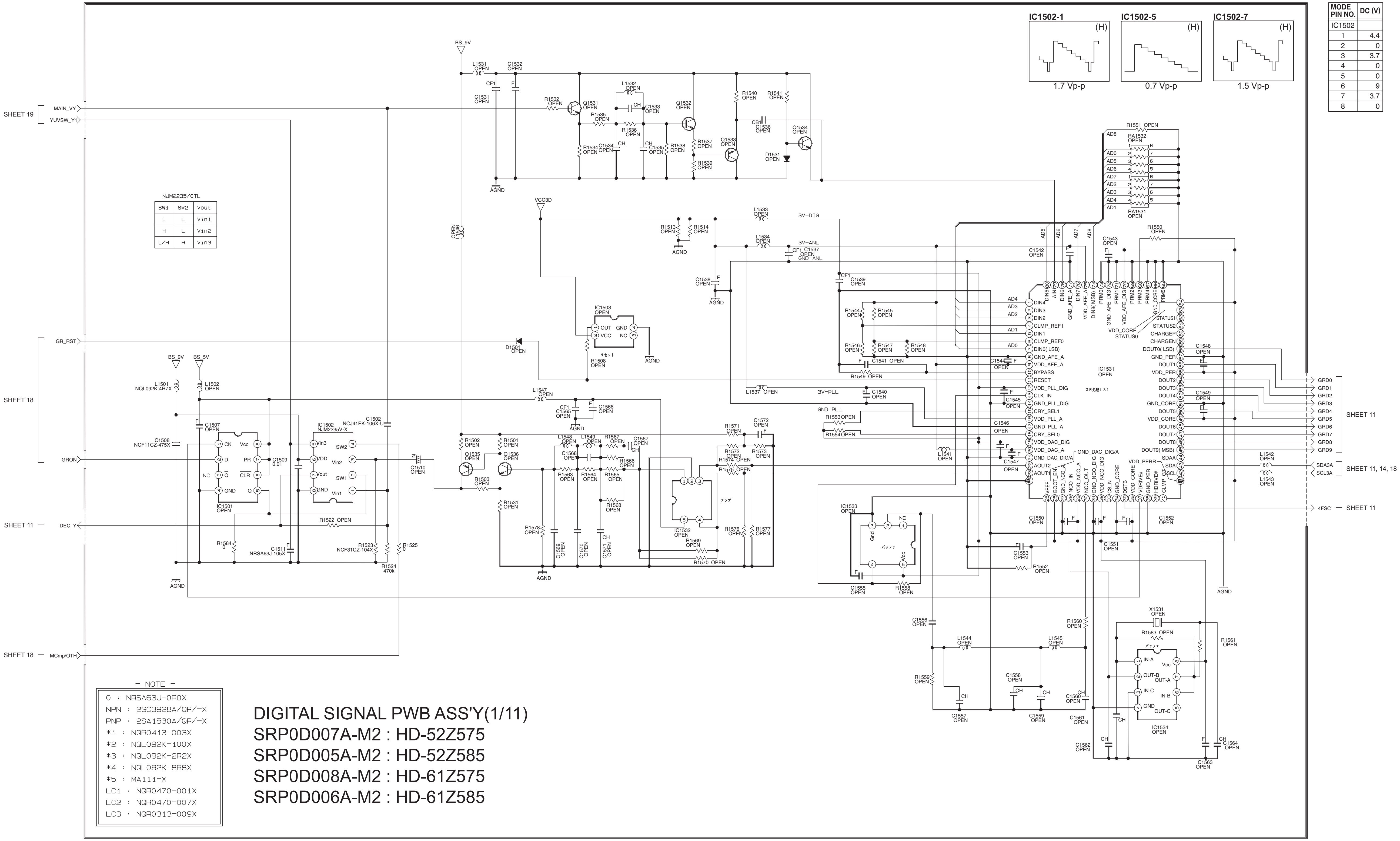
MODE PIN NO.	DC (V)
IC902	
1	4.7
2	0
3	3.3
Q901	
E	9.7
C	9
B	9
Q902	
E	5.6
C	4.9
B	4.8



ANALOG SIGNAL PWB ASS'Y(5/5)
SRP-1005A-M2
SDA3B5
SCL3B5
SHEET 4, 5, 6
FAN_LOCK
SHEET 5
BS_ABT30
12V
ILA5V
STB_5V
STB3.3V
BS_A9V
BS_A5V
12V
9V
5V
REGULATOR PWB
SHEET 30
CN00D
QGA2001C2-12V
BT32V 1
12V 2
GND 3
9V 4
GND 5
5V 6
GND 7
3.3V 8
GND 9
SDA3B5 10
SCL3B5 11
GND 12
GND
IC902
TA48M033F-X
1 2 3
C904
10/16
NCB11AK-106X
C905
47/16
NEH91CM-476X
GND
L901
NQL52EM-220X
C911
3.3 /16
NEX51CM-335X
GND
L902
NQL52EM-220X
D903
PTZ11B-X
GND
C913
3.3 /16
NEX51CM-335X
GND
L903
OPEN
C914
OPEN
GND
L904
NQL52EM-220X
D904
PTZ6.8B-X
GND
C916
15/16
NEX50JM-156X
GND
9V SWITCH
R907
330
1/2W
Q901
2SC3074/OY/-X
C912
47/16
GND
5V SWITCH
R908
OPEN
Q902
OPEN
C915
OPEN
GND
POWER PWB(1/2)
SHEET 28
CN00G
QGA1501C2-07V
STB5V 1
GND2 2
MAIN_POW 3
AC_IN 4
GND2 5
POW_GOOD 6
BS_POW 7
RB901 OPEN
R917
0
GND
Y902
OPEN
GND_S1
Y903
0
GND_S2
GND
Y904
OPEN
Y905
0
GND_S3
GND_S4
GND
R901
OPEN
R903
OPEN
D902
OPEN
C901
OPEN
D905
OPEN
Q903
OPEN
R904
OPEN
R902
OPEN
GND
LB_PRO5
SHEET 5
MAIN_POW
AC_IN
REC_LED
POW_GOOD
- NOTE -
0 :NRSA63-0R0X
*1 :NQR0415-005X

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (1/11) SHEET 9

MODE PIN NO.	DC (V)
IC1502	
1	4.4
2	0
3	3.7
4	0
5	0
6	9
7	3.7
8	0


IC1502-1
(H)
1.7 Vp-p
IC1502-5
(H)
0.7 Vp-p
IC1502-7
(H)
1.5 Vp-p
SHEET 19
MAIN_VY
YUVSW_Y1
SHEET 18
GR_RST
GRON
SHEET 11
DEC_Y
SHEET 18
MCmp/OTH
BS_9V
BS_5V
VCC3D
AGND
3V-DIG
3V-ANL
GND-ANL
3V-PLL
GND-PLL
IC1501 OPEN
IC1502 NJM2235V-X
IC1503 OPEN
IC1531 OPEN
IC1532 OPEN
IC1533 OPEN
IC1534 OPEN
Q1531 OPEN
Q1532 OPEN
Q1533 OPEN
Q1534 OPEN
Q1535 OPEN
Q1536 OPEN
D1501 OPEN
D1531 OPEN
X1531 OPEN
L1501 NQL092K-4R7X
C1508 NCF11CZ-475X
C1502 NCJ41EK-106X-U
C1511 NRSA63J-105X
R1523 NCF31CZ-104X
R1524 470k
C1509 0.01
GRD0
GRD1
GRD2
GRD3
GRD4
GRD5
GRD6
GRD7
GRD8
GRD9
SHEET 11
SDA3A
SCL3A
SHEET 11, 14, 18
4FSC
SHEET 11

NJM2235/CTL

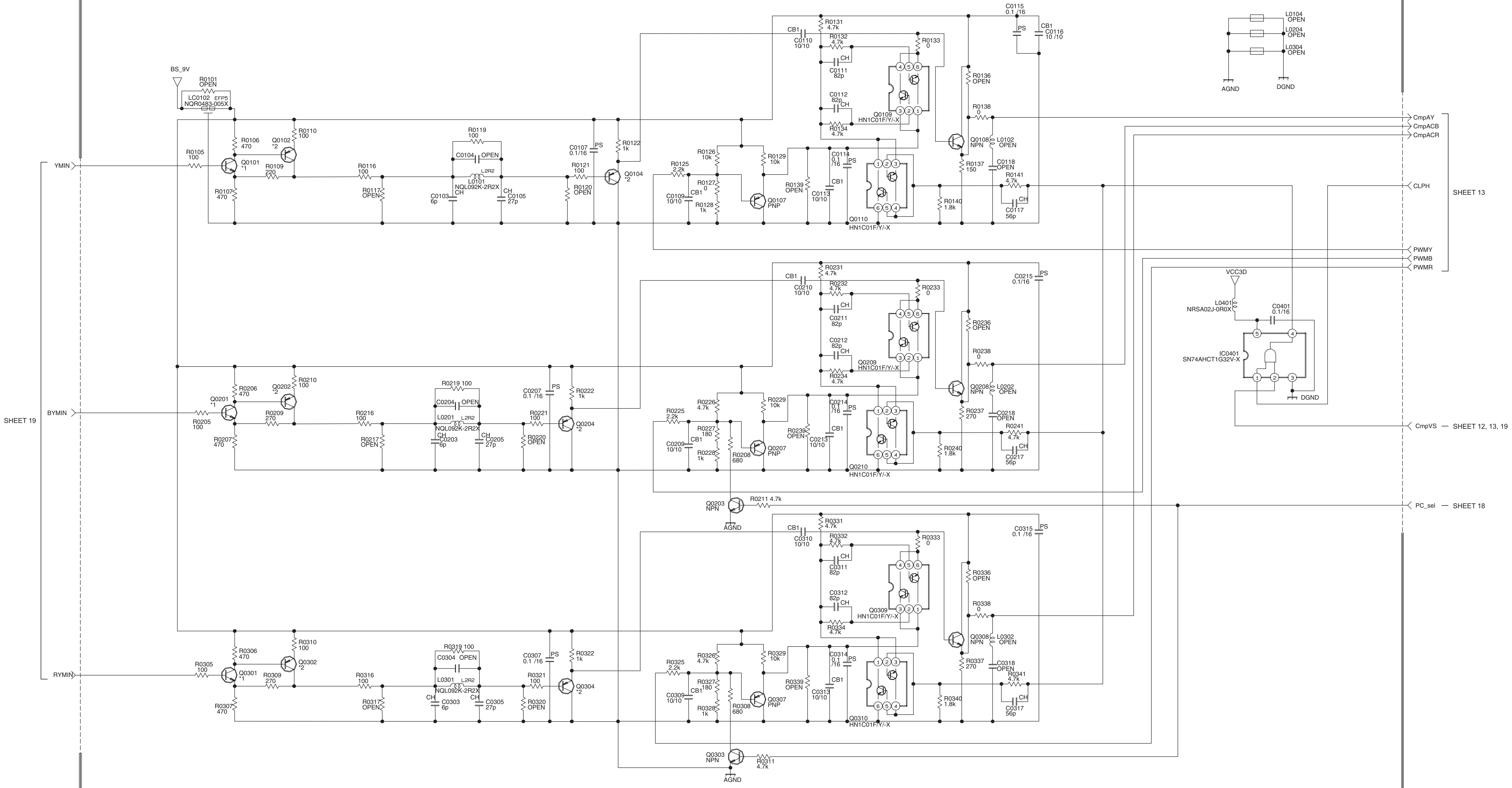
SW1	SW2	Vout
L	L	Vin1
H	L	Vin2
L/H	H	Vin3

– NOTE –

O : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : NQR0413-003X
*2 : NQL092K-100X
*3 : NQL092K-2R2X
*4 : NQL092K-8R8X
*5 : MA111-X
LC1 : NQR0470-001X
LC2 : NQR0470-007X
LC3 : NQR0313-009X

DIGITAL SIGNAL PWB ASS'Y(1/11)
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (2/11) SHEET 10


BS_9V
R0101 OPEN
LC0102 EFP5 NQR0483-005X
YMIN
BYMIN
RYMIN
SHEET 19
Q0101 *1
Q0102 *2
Q0104 *2
Q0107 PNP
Q0108 NPN
Q0109 HN1C01F/Y/-X
Q0110 HN1C01F/Y/-X
L0101 NQL092K-2R2X
Q0201 *1
Q0202 *2
Q0204 *2
Q0207 PNP
Q0208 NPN
Q0209 HN1C01F/Y/-X
Q0210 HN1C01F/Y/-X
L0201 NQL092K-2R2X
Q0203 NPN
R0211 4.7k
AGND
Q0301 *1
Q0302 *2
Q0304 *2
Q0307 PNP
Q0308 NPN
Q0309 HN1C01F/Y/-X
Q0310 HN1C01F/Y/-X
L0301 NQL092K-2R2X
Q0303 NPN
R0311 4.7k
L0104 OPEN
L0204 OPEN
L0304 OPEN
AGND
DGND
VCC3D
L0401 NRSA02J-0R0X
C0401 0.1/16
IC0401 SN74AHCT1G32V-X
DGND
CmpAY
CmpACB
CmpACR
CLPH
PWMY
PWMB
PWMR
SHEET 13
CmpVS
SHEET 12, 13, 19
PC_sel
SHEET 18

- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : 2SC3837K/NP/-X
*2 : 2SA1022/BC/-X

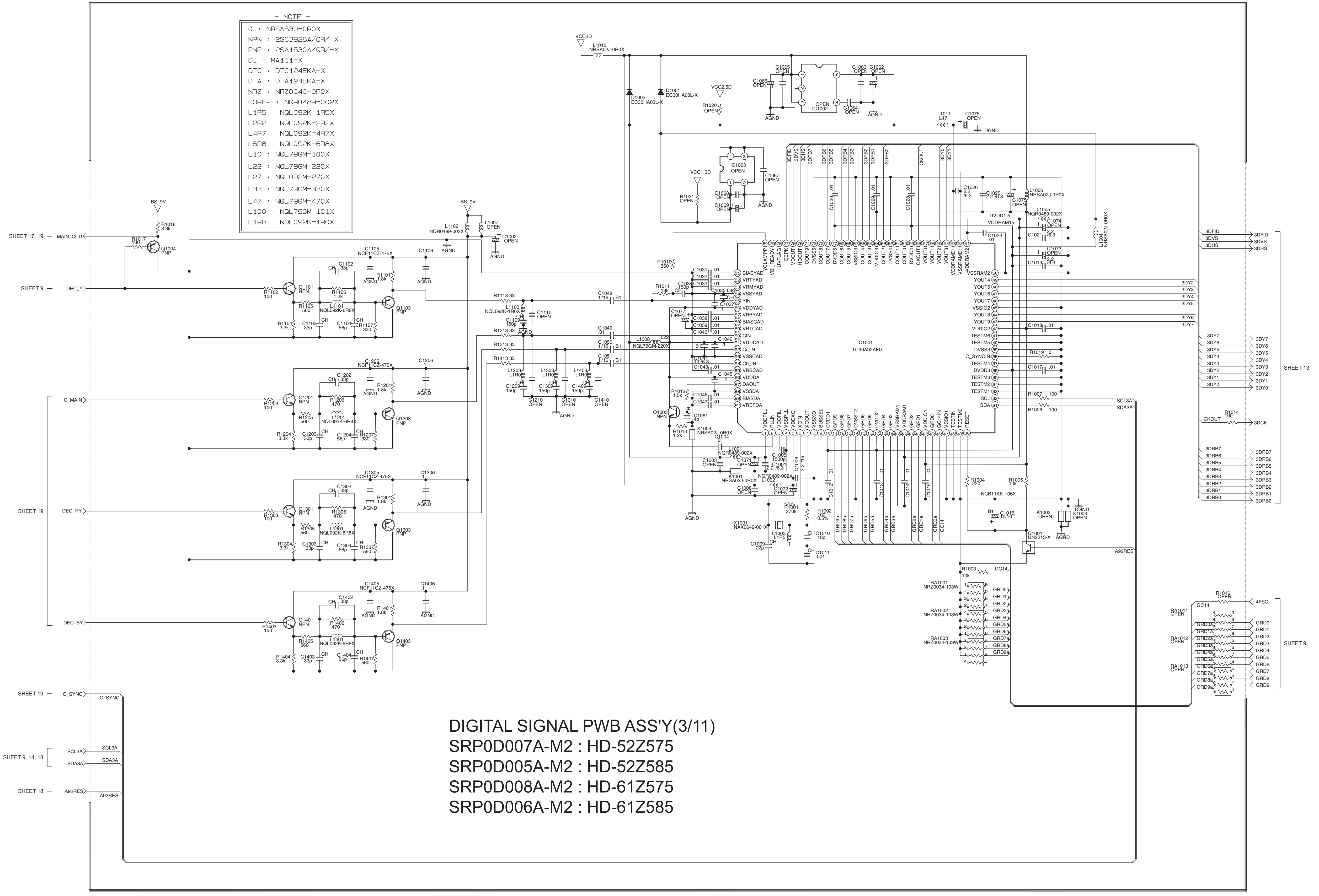
DIGITAL SIGNAL PWB ASS'Y(2/11)
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585

MODE PIN NO.	DC (V)
IC0401	
1	3.2
2	0.2
3	0
4	3.1
5	3.3
Q0101	
E	3.8
C	7.7
B	4.5
Q0102	
E	8.5
C	4.6
B	7.7
Q0104	
E	5.3
C	0
B	4.6
Q0107	
E	1.5
C	0
B	0.9
Q0108	
E	0.8
C	9
B	1.5
Q0109	
1	1.4
2	0.1
3	1.4
4	1.5
5	0.1
6	1.5
Q0110	
1	0
2	0.6
3	0.6
4	0.1
5	0.6
6	0.1
Q0201	
E	3.7
C	7.7
B	4.5
Q0202	
E	8.5
C	4.9
B	7.7
Q0203	
E	0
C	1.9
B	0
Q0204	
E	5.6
C	0
B	4.9
Q0207	
E	2.5
C	0
B	1.9

MODE PIN NO.	DC (V)
Q0208	
E	1.8
C	9
B	2.4
Q0209	
1	2.4
2	0.2
3	2.4
4	2.4
5	0.2
6	2.5
Q0210	
1	0
2	0.6
3	0.6
4	0.1
5	0.6
6	0.2
Q0301	
E	3.7
C	7.7
B	4.5
Q0302	
E	8.5
C	4.9
B	7.7
Q0303	
E	0
C	1.9
B	0
Q0304	
E	5.7
C	0
B	5
Q0307	
E	2.5
C	0
B	1.9
Q0308	
E	1.8
C	9
B	2.4
Q0309	
1	2.4
2	0.1
3	2.4
4	2.5
5	0.1
6	2.5
Q0310	
1	0
2	0.6
3	0.6
4	0.1
5	0.6
6	0.1

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (3/11) SHEET 11

MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)
IC1001		73	0
1	2.5	74	2.3
2	1.3	75	0.2
3	1.3	76	0
4	0	77	1.7
5	3.3	78	1.5
6	1.7	79	0
7	1.6	80	1
8	0	81	0.9
9	0	82	1.7
10	1.5	83	1.2
11	0	84	0
12	0	85	1.1
13	0	86	2.4
14	0	87	0.7
15	0	88	0.8
16	0	89	1.7
17	1.5	90	1.2
18	0	91	2.4
19	0	92	1.2
20	0	93	0
21	1.5	94	1.2
22	0	95	0.7
23	0	96	2.8
24	3.3	97	1.9
25	0	98	0
26	0	99	1.1
27	0	100	1.5
28	0	Q1001	
29	0	E	0
30	3.3	C	3.3
31	3.3	B	0
32	3.3	Q1003	
33	0	E	1.2
34	0	C	2.4
35	0	B	1.9
36	1.4	Q1004	
37	0	E	4.2
38	0	C	0
39	0	B	3.8
40	0	Q1101	
41	0	E	3.1
42	3.3	C	9
43	0.9	B	3.7
44	0.9	Q1103	
45	0	E	1.8
46	1	C	0
47	1.8	B	1.2
48	0.9	Q1201	
49	1	E	3.7
50	0	C	9
51	1.6	B	4.4
52	0	Q1203	
53	2.5	E	2
54	1.3	C	0
55	1.3	B	1.3
56	0	Q1301	
57	0	E	3.9
58	1.5	C	9
59	1.5	B	4.5
60	0	Q1303	
61	0	E	2.5
62	0	C	0
63	0.9	B	2
64	3.3	Q1401	
65	1	E	3.9
66	1	C	9
67	0	B	4.5
68	0.9	Q1403	
69	0.9	E	2.6
70	1.5	C	0
71	0.9	B	2
72	0.9		

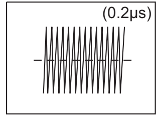

SHEET 17, 19
MAIN_CCD
SHEET 9
DEC_Y
C_MAIN
SHEET 19
DEC_RY
DEC_BY
C_SYNC
SHEET 9, 14, 18
SCL3A
SDA3A
SHEET 18
A92RES
BS_9V
VCC3D
VCC2.5D
VCC1.5D
IC1001
TC90A92AFG
IC1002
IC1003
Q1001
Q1003
Q1004
Q1101
Q1103
Q1201
Q1203
Q1301
Q1303
Q1401
Q1403
X1001
NAX0642-001X
RA1001
RA1002
RA1003
NRZ0034-103W
AGND
DGND
CKOUT
3DCK
3DFID
3DVS
3DHS
3DY0
3DY1
3DY2
3DY3
3DY4
3DY5
3DY6
3DY7
3DRB0
3DRB1
3DRB2
3DRB3
3DRB4
3DRB5
3DRB6
3DRB7
4FSC
GC14
GRD0
GRD1
GRD2
GRD3
GRD4
GRD5
GRD6
GRD7
GRD8
GRD9
SHEET 13
SHEET 9

- NOTE -

O : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
DI : MA111-X
DTC : DTC124EKA-X
DTA : DTA124EKA-X
NRZ : NRZ0040-0R0X
CORE2 : NQR0489-002X
L1R5 : NQL092K-1R5X
L2R2 : NQL092K-2R2X
L4R7 : NQL092K-4R7X
L6R8 : NQL092K-6R8X
L10 : NQL79GM-100X
L22 : NQL79GM-220X
L27 : NQL092M-270X
L33 : NQL79GM-330X
L47 : NQL79GM-470X
L100 : NQL79GM-101X
L1R0 : NQL092K-1R0X

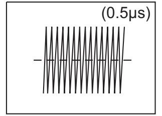
DIGITAL SIGNAL PWB ASS'Y(3/11)
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585

IC1001-7



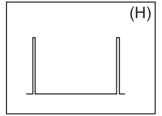
5.2 Vp-p

IC1001-58



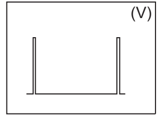
4.8 Vp-p

IC1001-75



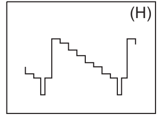
3.4 Vp-p

IC1001-76



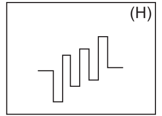
3.4 Vp-p

IC1001-85



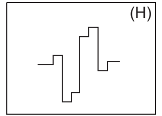
0.6 Vp-p

IC1001-92



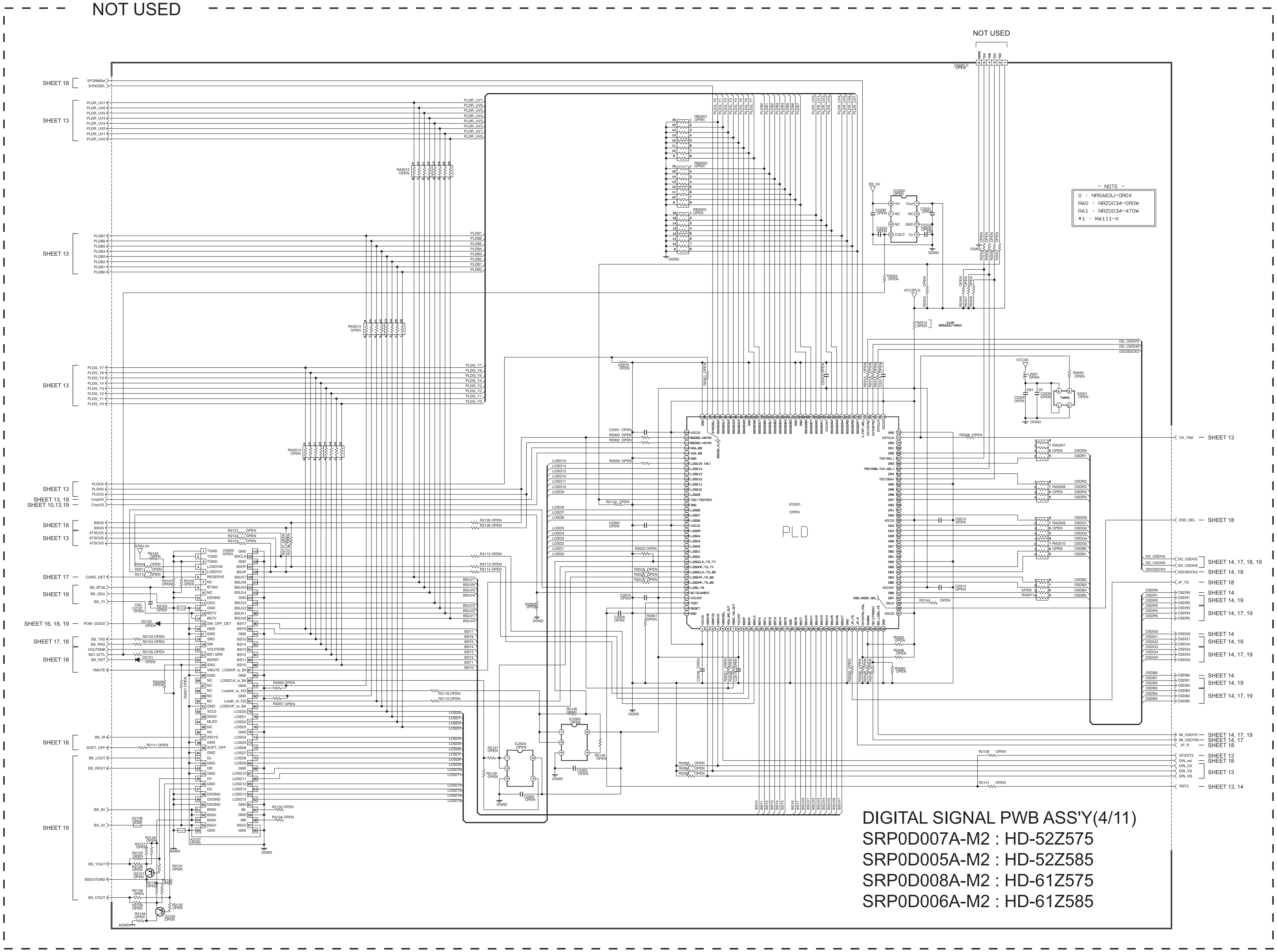
0.4 Vp-p

IC1001-94



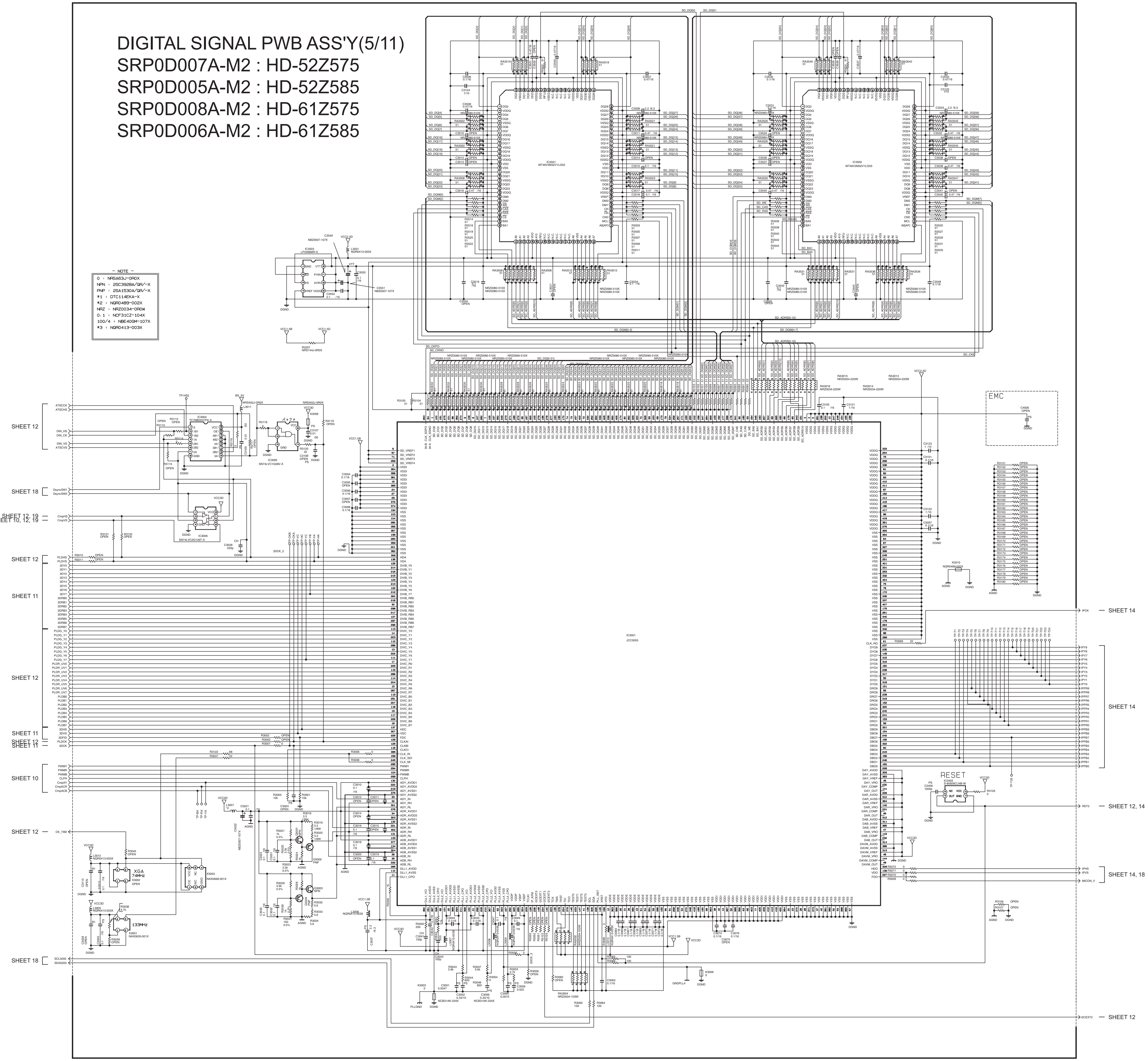
0.4 Vp-p

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (4/11) SHEET 12


NOT USED
NOT USED
- NOTE -
0 : NRSA63J-0R0X
RA0 : NRZ0034-0R0W
RA1 : NRZ0034-470W
*1 : MA111-X
PLD
IC2001
OPEN
SHEET 18
SHEET 13
SHEET 13
SHEET 13
SHEET 13
SHEET 13, 19
SHEET 10,13,19
SHEET 18
SHEET 13
SHEET 17
SHEET 19
SHEET 16, 18, 19
SHEET 17, 18
SHEET 18
SHEET 18
SHEET 19
SHEET 13
SHEET 18
SHEET 14, 17, 18, 19
SHEET 14, 18
SHEET 18
SHEET 14
SHEET 14, 19
SHEET 14, 17, 19
SHEET 14
SHEET 14, 19
SHEET 14, 17, 19
SHEET 14
SHEET 14, 19
SHEET 14, 17, 19
SHEET 14, 17, 19
SHEET 14, 17
SHEET 18
SHEET 13
SHEET 18
SHEET 13
SHEET 13, 14
DIGITAL SIGNAL PWB ASS'Y(4/11)
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585

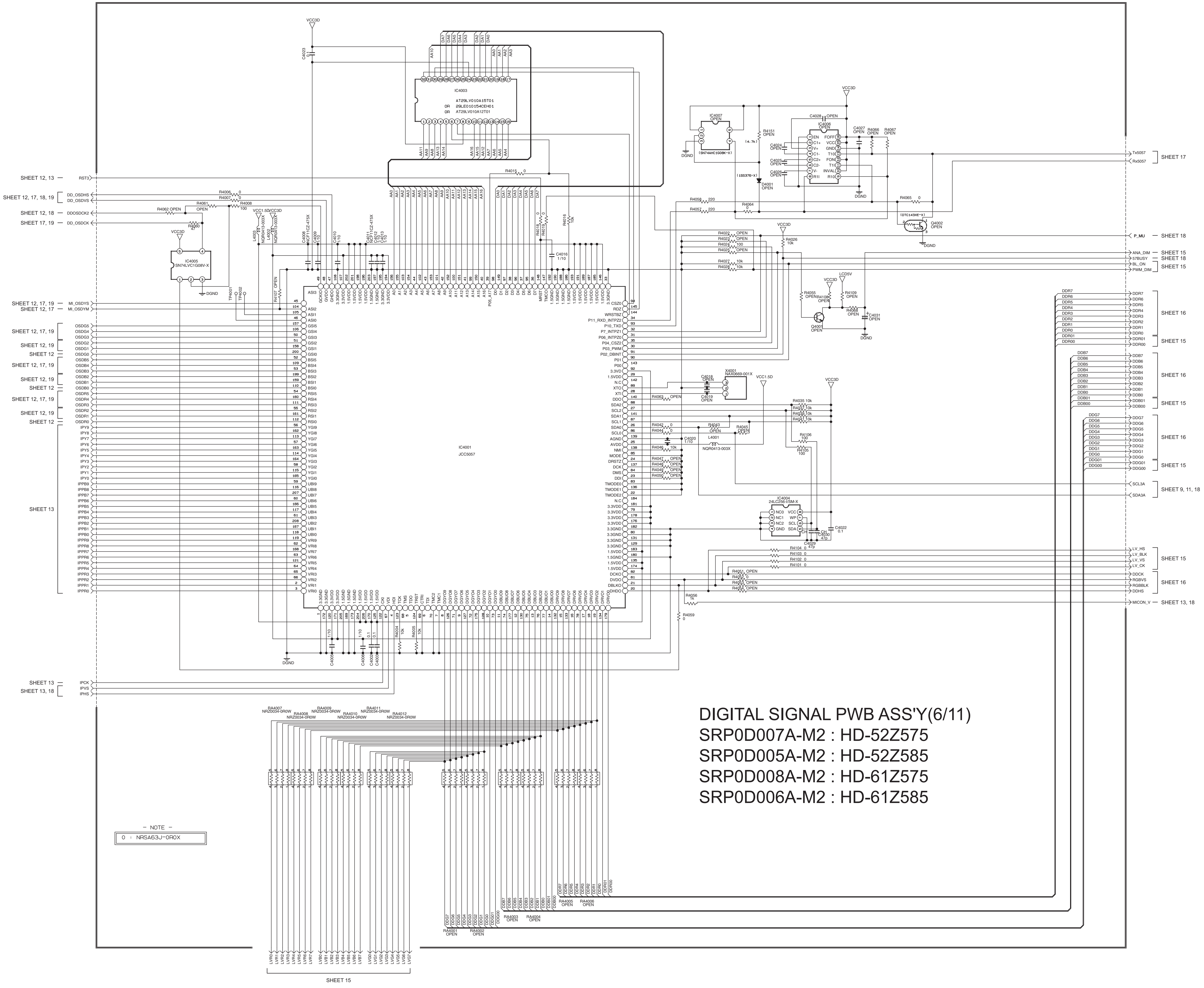
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (5/11) SHEET 13

MODE PIN NO.	DC (V)
IC3403	
1	0
2	3.3
3	0
4	3.3
IC3501	
1	1.2
2	2.5
3	1.2
4	1.2
5	0
6	1.2
7	1.2
8	2.4
9	1.2
10	1.2
11	0
12	1.2
13	1.2
14	2.5
15	2.5
16	0
17	1.2
18	1.2
19	0
20	1.2
21	1.2
22	2.5
23	0.4
24	0.4
25	1.7
26	1.7
27	1.7
28	0
29	0.7
30	0.7
31	0.7
32	0.7
33	0.7
34	0.7
35	2.5
36	0.7
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0.7
46	0
47	0.7
48	0.7
49	0.7
50	0.6
51	0.7
52	0
53	1.8
54	1.3
55	1.1
56	0.2
57	0.4
58	1.2
59	2.5
60	1.2
61	1.2
62	0
63	1.2
64	1.2
65	2.4
66	0
67	2.5
68	1.2
69	1.2
70	0
71	1.2
72	1.2
73	2.5
74	1.2
75	1.2
76	0
77	0
78	1.2
79	2.5
80	1.2
81	1.2
82	0
83	1.2
84	1.2
85	0
86	2.5
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	0
95	0
96	0
97	1.1
98	0
99	0
100	1.2
IC3502	
1	1.2
2	2.5
3	1.2
4	1.2
5	0
6	0
7	0
8	2.5
9	1.2
10	0
11	0.1
12	0
13	1.2
14	2.5
15	2.5
16	0
17	0
18	1.2
19	0
20	1.2
21	1.2
22	2.4
23	0
24	0.1
25	0
26	1.7
27	0
28	0.1
29	0.7
30	0.7
31	0.7
32	0.5
33	0.6
34	0.7
35	2.5
36	0
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0
46	0
47	0.7
48	0
49	0.7
50	0.7
51	0.7
52	0
53	1.7
54	0
55	1.2
56	0.3
57	0.3
58	1.2
59	0
60	1.2
61	1.2
62	0
63	0.2
64	0
65	2.5
66	0
67	2.5
68	1.2
69	1.2
70	0
71	0
72	0.1
73	0.1
74	1.2
75	0
76	0
77	1.2
78	1.2
79	0
80	1.2
81	0.7
82	0
83	0
84	1.2
85	0
86	2.5
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	1.2
95	2.5
96	2.5
97	1.2
98	1.2
99	0
100	0
IC3503	
1	0
2	2.5
3	1.2
4	1.2
5	2.5
6	2.5
7	2.5
8	1.2
Q3001	
E	2.2
C	3.3
B	2.9
Q3002	
E	2.9
C	0
B	2.1
Q3003	
E	0.6
C	3.3
B	1.3
Q3004	
E	1.4
C	0
B	0.7


DIGITAL SIGNAL PWB ASS'Y(5/11)
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585
- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : DTC114EKA-X
*2 : NQR0489-002X
NRZ : NRZ0034-0R0W
0.1 : NCF31CZ-104X
100/4 : NBE40GM-107X
*3 : NQR0413-003X
EMC
RESET
XGA 74MHz
133MHz
IC3601
IC3502
IC3001
SHEET 12
SHEET 18
SHEET 12, 19
SHEET 10, 12, 19
SHEET 12
SHEET 11
SHEET 12
SHEET 11
SHEET 12
SHEET 11
SHEET 10
SHEET 12
SHEET 18
SHEET 14
SHEET 14
SHEET 12, 14
SHEET 14, 18
SHEET 12

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (6/11) SHEET 14

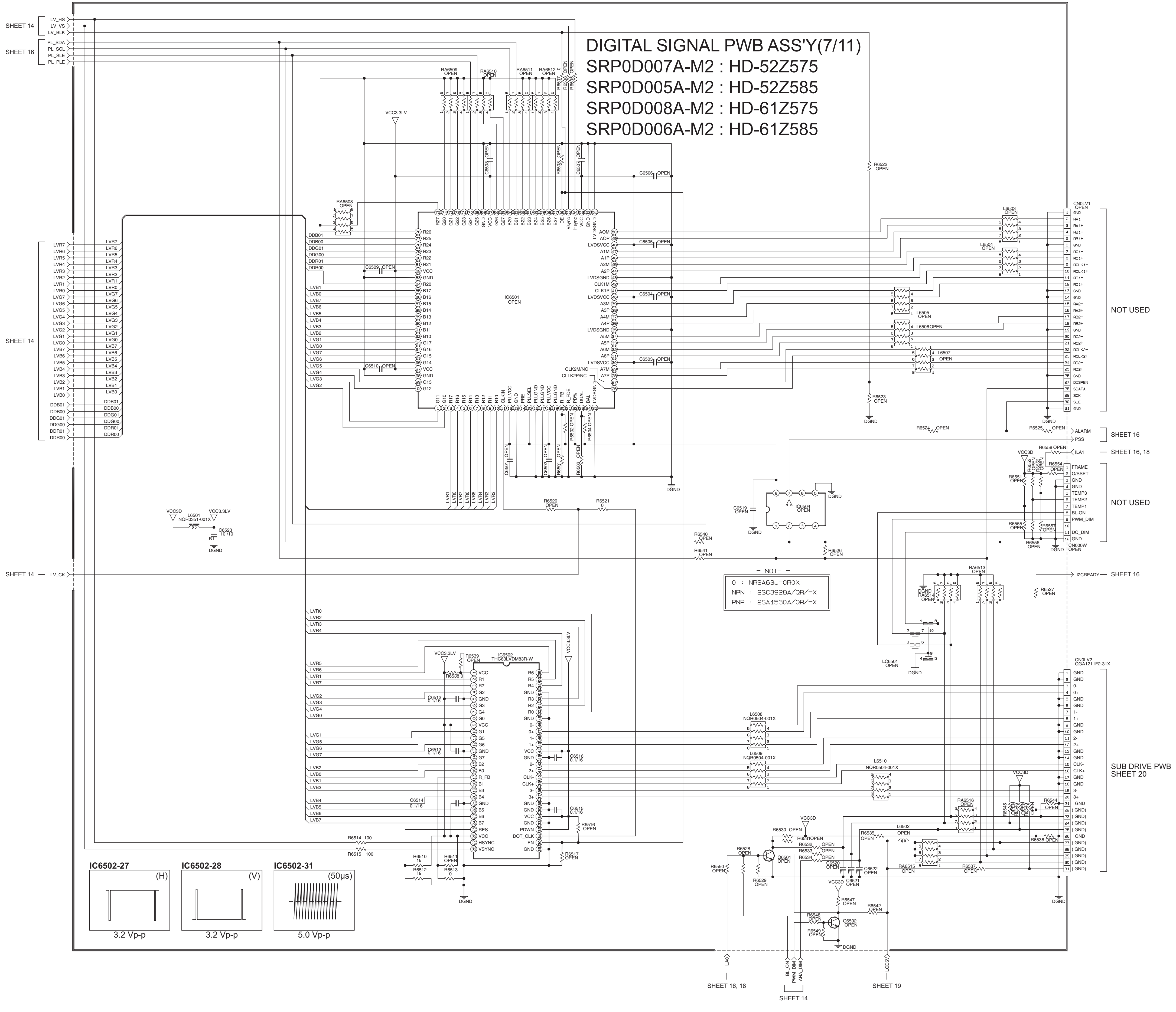
MODE PIN NO.	DC (V)
IC4003	
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0.1
9	0.1
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0.5
22	0.5
23	0.5
24	0
25	0.5
26	0.5
27	0.5
28	0.5
29	0.5
30	3.3
31	0
32	0
IC4004	
1	0
2	0
3	0
4	0
5	3.3
6	3.3
7	0
8	3.3


IC4001
JCC5057
IC4003
AT29LV010A15T01
OR 29LE010154CEH01
OR AT29LV010A12T01
IC4004
24LC256-I/SM-X
IC4005
SN74LVC1G08V-X
IC4006
IC4007
X4001
NAX0669-001X
L4001
NQR0413-003X
Q4001
Q4002
VCC3D
DGND
SHEET 12, 13
SHEET 12, 17, 18, 19
SHEET 12, 18
SHEET 17, 19
SHEET 12, 17, 19
SHEET 12, 17
SHEET 12, 19
SHEET 12
SHEET 13
SHEET 13, 18
SHEET 17
SHEET 18
SHEET 15
SHEET 16
SHEET 9, 11, 18
SHEET 13, 18
— NOTE —
0 : NRSA63J-0R0X

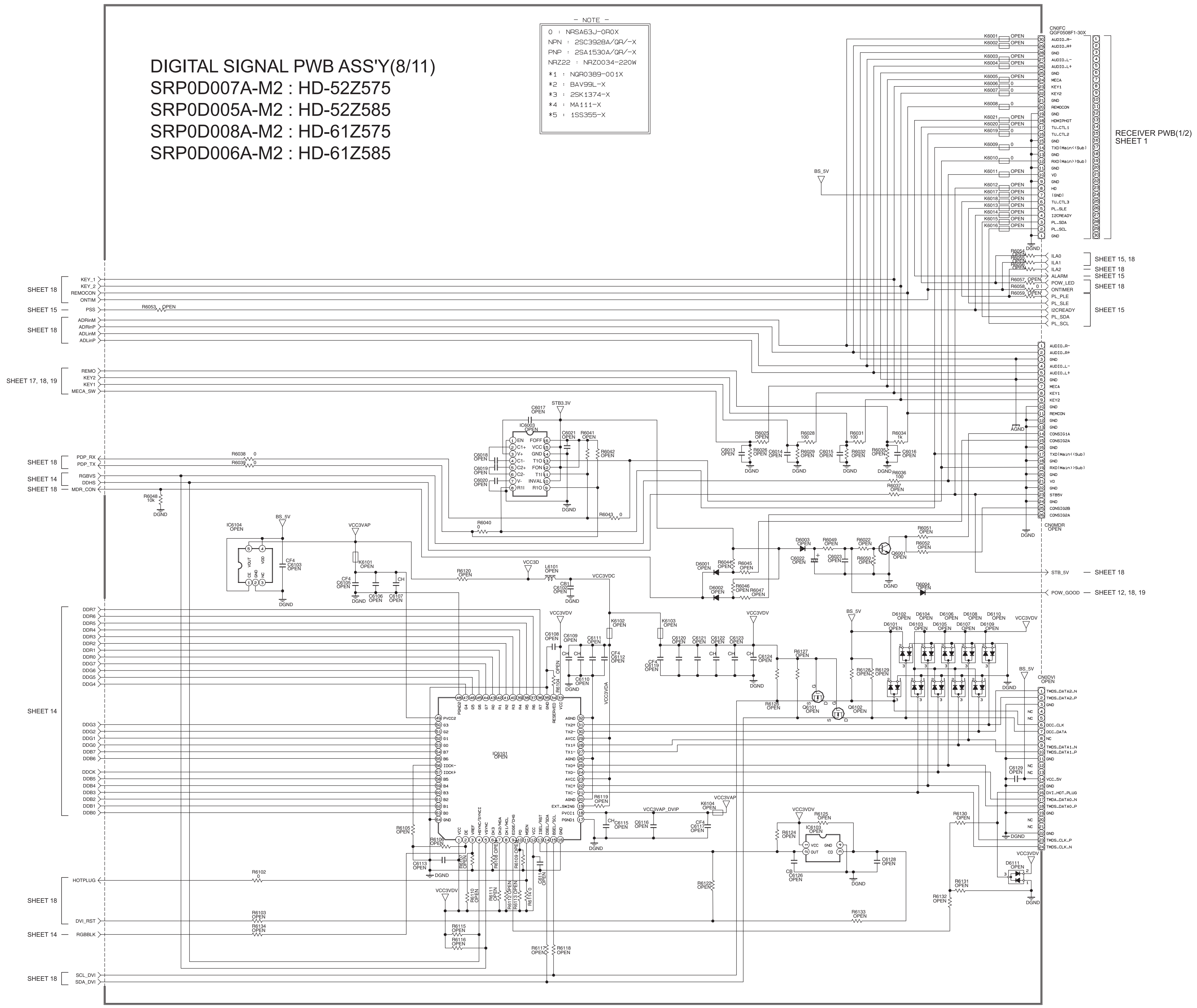
DIGITAL SIGNAL PWB ASS'Y(6/11)
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (7/11) SHEET 15

MODE PIN NO.	DC (V)
IC6502	
1	3.3
2	0
3	0.6
4	0.4
5	0
6	0.5
7	0.5
8	1.1
9	3.3
10	1
11	0.5
12	0.5
13	0
14	0
15	0.7
16	0.6
17	0
18	1
19	0.8
20	0.6
21	0
22	0.7
23	0.6
24	0.1
25	1.7
26	0.1
27	3.3
28	0
29	0
30	3.3
31	0.6
32	3.3
33	0
34	3.3
35	0
36	0
37	1.2
38	1.3
39	1.2
40	1.2
41	1.2
42	1.3
43	0
44	3.3
45	0
46	1.4
47	1.4
48	0
49	0
50	0
51	0.7
52	0.7
53	0
54	0.6
55	0.7
56	0.6
CN0LV2	
1	0
2	0
3	1.3
4	1.2
5	0
6	0
7	1.3
8	1
9	0.1
10	0
11	1.3
12	1.2
13	0
14	0
15	0
16	1.3
17	0
18	0
19	1.3
20	0
21	0
22	3.2
23	0
24	0
25	0
26	0
27	3
28	0
29	3
30	0
31	0

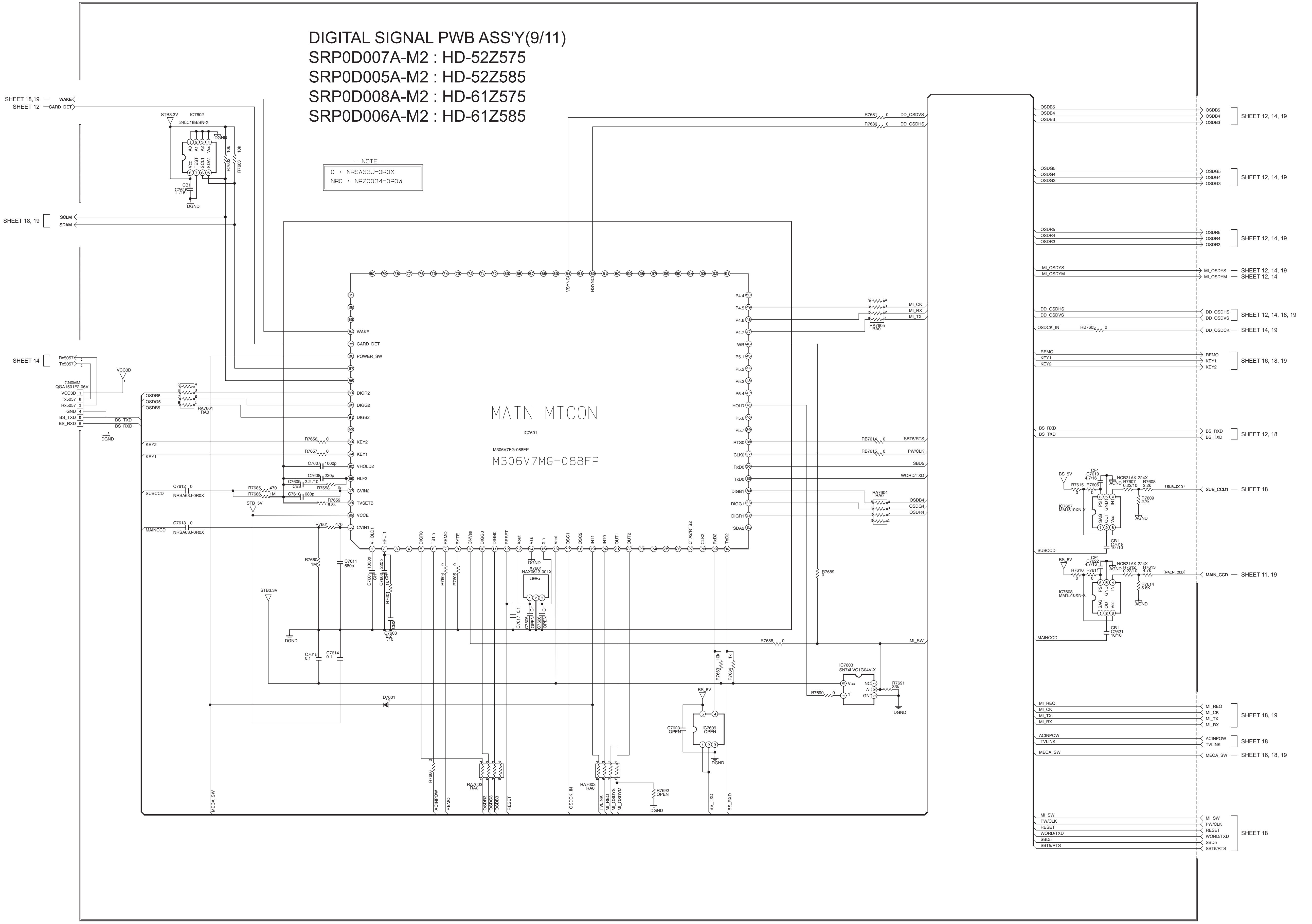

DIGITAL SIGNAL PWB ASS'Y(7/11)
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585
SHEET 14
LV_HS
LV_VS
LV_BLK
SHEET 16
PL_SDA
PL_SCL
PL_SLE
PL_PLE
SHEET 14
LV_CK
IC6501
OPEN
IC6502
THC63LVDM83R-W
IC6504
OPEN
VCC3.3LV
VCC3D
DGND
L6501
NQR0351-001X
L6508
NQR0504-001X
L6509
NQR0504-001X
L6510
NQR0504-001X
CN0LV1
OPEN
NOT USED
ALARM
PSS
SHEET 16
ILA1
SHEET 16, 18
FRAME
O/SSET
TEMP3
TEMP2
TEMP1
BL-ON
PWM_DIM
DC_DIM
NOT USED
CN000W
OPEN
I2CREADY
SHEET 16
CN0LV2
QGA1211F2-31X
SUB DRIVE PWB
SHEET 20
Q6501
OPEN
Q6502
OPEN
- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
ILA0
BL_ON
PWM_DIM
ANA_DIM
LC(0V)
SHEET 16, 18
SHEET 14
SHEET 19
IC6502-27
(H)
3.2 Vp-p
IC6502-28
(V)
3.2 Vp-p
IC6502-31
(50μs)
5.0 Vp-p

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (8/11) SHEET 16


DIGITAL SIGNAL PWB ASS'Y(8/11)
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585
- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
NRZ22 : NRZ0034-220W
*1 : NQR0389-001X
*2 : BAV99L-X
*3 : 2SK1374-X
*4 : MA111-X
*5 : 1SS355-X
CN0FC
QGF0508F1-30X
RECEIVER PWB(1/2)
SHEET 1
AUDIO_R-
AUDIO_R+
GND
AUDIO_L-
AUDIO_L+
MECA
KEY1
KEY2
REMOCON
HDMIPHOT
TU_CTL1
TU_CTL2
TXD(Main<(Sub)
RXD(Main>(Sub)
VD
HD
TU_CTL3
PL_SLE
I2CREADY
PL_SDA
PL_SCL
BS_5V
DGND
ILA0
ILA1
ILA2
ALARM
POW_LED
ONTIMER
PL_PLE
PL_SLE
I2CREADY
PL_SDA
PL_SCL
SHEET 15, 18
SHEET 18
SHEET 15
SHEET 18
SHEET 15
SHEET 18
KEY_1
KEY_2
REMOCON
ONTIM
SHEET 15
PSS
R6053 OPEN
SHEET 18
ADRinM
ADRinP
ADLinM
ADLinP
SHEET 17, 18, 19
REMO
KEY2
KEY1
MECA_SW
CONSIG1A
CONSIG2A
STB5V
CONSIG2B
CN0MDR
OPEN
AGND
STB3.3V
IC6003
OPEN
SHEET 18
PDP_RX
PDP_TX
SHEET 14
RGBVS
DDHS
SHEET 18
MDR_CON
R6048 10k
IC6104 OPEN
BS_5V
VCC3VAP
VCC3D
VCC3VDC
STB_5V
SHEET 18
POW_GOOD
SHEET 12, 18, 19
Q6001 OPEN
SHEET 14
DDR7
DDR6
DDR5
DDR4
DDR3
DDR2
DDR1
DDR0
DDG7
DDG6
DDG5
DDG4
DDG3
DDG2
DDG1
DDG0
DDB7
DDB6
DDCK
DDB5
DDB4
DDB3
DDB2
DDB1
DDB0
IC6101 OPEN
VCC3VDV
VCC3VDA
VCC3VAP_DVIP
IC6103 OPEN
CN0DVI OPEN
TMDS_DATA2_N
TMDS_DATA2_P
DDC_CLK
DDC_DATA
TMDS_DATA1_N
TMDS_DATA1_P
VCC_5V
DVI_HOT_PLUG
TMDA_DATA0_N
TMDS_DATA0_P
TMDS_CLK_P
TMDS_CLK_N
D6111 OPEN
SHEET 18
HOTPLUG
R6102 0
DVI_RST
R6103 OPEN
SHEET 14
RGBBLK
R6134 OPEN
SHEET 18
SCL_DVI
SDA_DVI

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (9/11) SHEET 17

MODE PIN NO.	DC (V)
IC7601	
1	0
2	0
3	NC
4	NC
5	
6	2.6
7	3.6
8	0
9	0
10	
11	
12	3.3
13	1.8
14	0
15	1
16	3.3
17	2.8
18	NC
19	0
20	3.3
21	3.2
22	3.2
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	3.3
30	3.3
31	NC
32	-
33	-
34	-
35	3.3
36	3.3
37	0
38	3.3
39	NC
40	NC
41	0
42	NC
43	NC
44	NC
45	NC
46	0
47	3.3
48	3.3
49	0
50	NC
51	NC
52	NC
53	NC
54	NC
55	NC
56	NC
57	NC
58	NC
59	NC
60	NC
61	NC
62	NC
63	NC
64	NC
65	NC
66	NC
67	NC
68	NC
69	NC
70	NC
71	NC
72	NC
73	NC
74	NC
75	NC
76	NC
77	NC
78	NC
79	NC
80	NC
81	NC
82	NC
83	NC
84	0
85	0
86	0.2
87	3.3
88	3.2
89	-
90	-
91	-
92	NC
93	3.3
94	0.4
95	0
96	0
97	4.2
98	0
99	4.8
100	4.8
IC7602	
1	0
2	0
3	0
4	0
5	3.3
6	3.2
7	0
8	3.3
IC7603	
1	NC
2	0
3	0
4	0
5	3.3
IC7607	
1	NC
2	4.2
3	4.8
4	4.7
5	0
6	4.8
IC7608	
1	NC
2	4.8
3	4.8
4	8.3
5	0
6	4.8

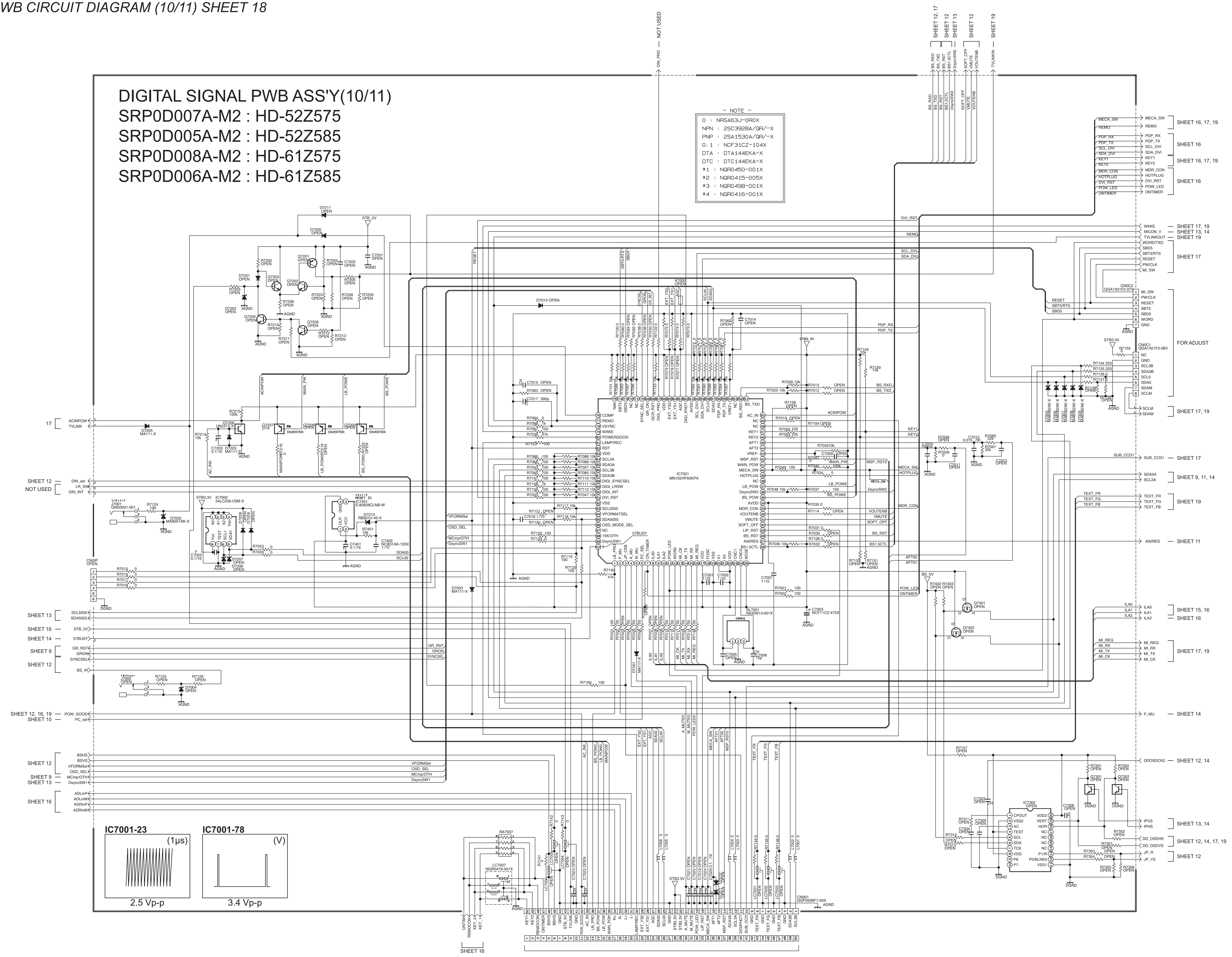


DIGITAL SIGNAL PWB ASS'Y(9/11)
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585

- NOTE -
0 : NRSA63J-0R0X
NR0 : NRZ0034-0R0W

MAIN MICON
IC7601
M306V7FG-088FP
M306V7MG-088FP
IC7602
24LC16B/SN-X
STB3.3V
DGND
SHEET 18,19
WAKE
SHEET 12
CARD_DET
SHEET 18, 19
SCLM
SDAM
SHEET 14
Rx5057
Tx5057
CN0MM
QGA1501F2-06V
VCC3D
BS_TXD
BS_RXD
OSDR5
OSDG5
OSDB5
RA7601
KEY2
KEY1
SUBCCD
MAINCCD
C7612
C7613
NRSA63J-0R0X
STB_5V
POWER_SW
DIGR2
DIGG2
DIGB2
VHOLD2
HLF2
CVIN2
TVSETB
VCCE
CVIN1
P4.4
P4.5
P4.6
P4.7
WR
P5.1
P5.2
P5.3
P5.4
HOLD
P5.6
P5.7
RTS0
CLK0
RxD0
TxD0
DIGB1
DIGG1
DIGR1
SDA2
VSYNC
HSYNC
VHOLD1
HFLT1
DIGR0
TB1in
REMO
BYTE
CNVss
DIGG0
DIGB0
RESET
Xout
Vss
Xin
Vccl
OSC1
OSC2
INT1
INT0
OUT1
OUT2
CTA2/RTS2
CLK2
RxD2
TxD2
X7601
NAX0613-001X
D7601
MECA_SW
ACINPOW
RA7602
OSDG3
OSDB3
OSDCK_IN
RA7603
TVLINK
MI_REQ
MI_OSDYM
R7692
OPEN
BS_5V
IC7609
IC7603
SN74LVC1G04V-X
R7689
R7688
MI_SW
R7681
R7680
DD_OSDVS
DD_OSDHS
RA7605
MI_CK
MI_RX
MI_TX
RB7614
RB7616
SBT5/RTS
PW/CLK
SBD5
WORD/TXD
RA7604
OSDB4
OSDG4
OSDR4
OSDB5
OSDB4
OSDB3
SHEET 12, 14, 19
OSDG5
OSDG4
OSDG3
OSDR5
OSDR4
OSDR3
MI_OSDYS
MI_OSDYM
SHEET 12, 14
DD_OSDHS
DD_OSDVS
SHEET 12, 14, 18, 19
OSDCK_IN
RB7605
DD_OSDCK
SHEET 14, 19
REMO
KEY1
KEY2
SHEET 16, 18, 19
BS_RXD
BS_TXD
SHEET 12, 18
IC7607
MM1510XN-K
NCB31AK-224X
SUB_CCD1
SHEET 18
IC7608
MM1510XN-K
MAIN_CCD
SHEET 11, 19
AGND
MI_REQ
MI_CK
MI_TX
MI_RX
SHEET 18, 19
ACINPOW
TVLINK
SHEET 18
MECA_SW
SHEET 16, 18, 19
MI_SW
PW/CLK
RESET
WORD/TXD
SBD5
SBT5/RTS
SHEET 18

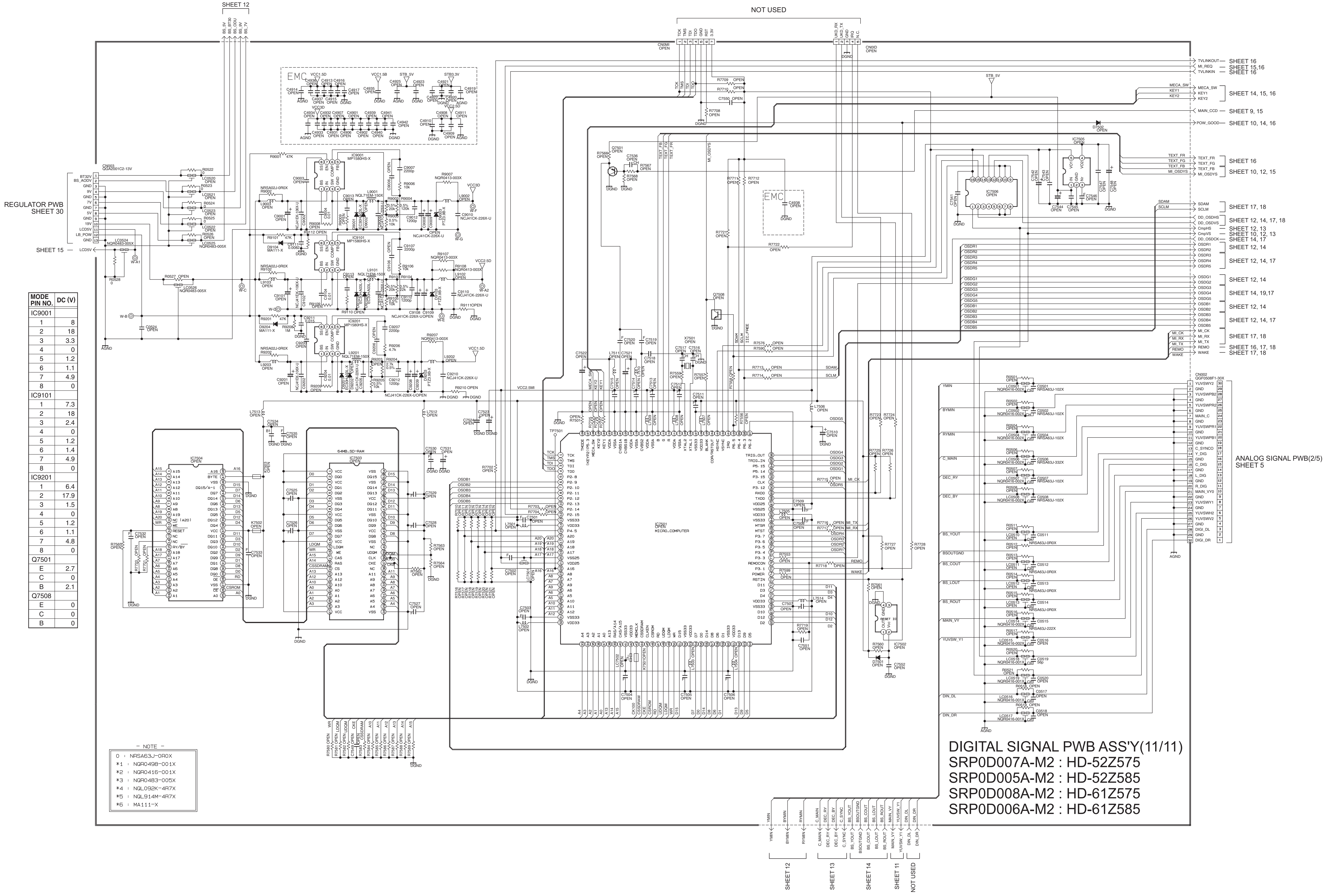
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (10/11) SHEET 18


DIGITAL SIGNAL PWB ASS'Y(10/11)
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585
- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
0.1 : NCF31CZ-104X
DTA : DTA144EKA-X
DTC : DTC144EKA-X
*1 : NQR0450-001X
*2 : NQR0415-005X
*3 : NQR0498-001X
*4 : NQR0416-001X
IC7001
MN102HF60KPA
IC7001-23
(1μs)
2.5 Vp-p
IC7001-78
(V)
3.4 Vp-p
NOT USED
SHEET 12, 17
SHEET 12
SHEET 13
SHEET 19
SHEET 16, 17, 19
SHEET 16
SHEET 17, 19
SHEET 13, 14
SHEET 17
FOR ADJUST
SHEET 9, 11, 14
SHEET 11
SHEET 15, 16
SHEET 14
SHEET 12, 14
SHEET 13, 14
SHEET 12, 14, 17, 19
SHEET 9
SHEET 10
SHEET 12, 16, 19
SHEET 7
ANALOG SIGNAL PWB(4/5)
SHEET 7

MODE PIN NO.	DC (V)
IC7001	
1	3.3
2	0
3	3.3
4	0
5	0
6	0
7	0
8	3.3
9	3.3
10	0
11	3.3
12	3.3
13	0
14	3.3
15	3.3
16	3.3
17	3.3
18	0
19	0
20	3.3
21	3.3
22	3.3
23	1.6
24	1.4
25	3.3
26	0
27	0
28	0
29	0
30	0
31	0
32	3.3
33	0
34	3.3
35	0.5
36	3.3
37	0
38	0
39	0.3
40	0.2
41	0
42	0
43	0
44	0
45	0
46	0.4
47	0.4
48	3.3
49	0
50	2.6
51	3.3
52	3.3
53	0.5
54	3.3
55	3.9
56	3.3
57	3.3
58	3.3
59	3.3
60	3.3
61	0
62	3.3
63	1.7
64	0
65	0
66	3.3
67	3
68	3.3
69	3.3
70	3.3
71	3.3

MODE PIN NO.	DC (V)
72	0
73	3.3
74	3.3
75	3.2
76	3.3
77	3.6
78	0
79	3.2
80	0
81	3.3
82	3.3
83	0
84	3.3
85	3.3
86	3.3
87	3.3
88	0
89	0
90	3.3
91	0
92	0
93	3.3
94	0
95	3.3
96	3.2
97	0
98	0
99	3.3
100	3.3
IC7002	
1	0
2	0
3	0
4	0
5	3
6	3.1
7	0
8	3.3
IC7401	
1	3.3
2	3.3
3	0
4	0
Q7201	
E	4.8
C	0.3
B	4.2
Q7202	
E	4
C	4.3
B	2.3
Q7203	
E	4
C	4.8
B	4.4
Q7204	
E	0
C	4.7
B	0
Q7205	
E	0
C	0
B	0
Q7206	
E	0
C	2.5
B	0.6
Q7207	
E	3.2
C	3.2
B	0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (11/11) SHEET 19


SHEET 12
NOT USED
REGULATOR PWB
SHEET 30
SHEET 15
EMC
IC9001 MP1580HS-X
IC9101 MP1580HS-X
IC9201 MP1580HS-X
IC7504 OPEN
IC7503 OPEN
64MB_SD-RAM
IC7501 OPEN MICRO_COMPUTER
IC7506 OPEN
IC7505 OPEN
SHEET 16
SHEET 15,16
SHEET 16
SHEET 14, 15, 16
SHEET 9, 15
SHEET 10, 14, 16
SHEET 16
SHEET 10, 12, 15
SHEET 17, 18
SHEET 12, 14, 17, 18
SHEET 12, 13
SHEET 10, 12, 13
SHEET 14, 17
SHEET 12, 14
SHEET 12, 14, 17
SHEET 12, 14
SHEET 14, 19,17
SHEET 12, 14
SHEET 12, 14, 17
SHEET 17, 18
SHEET 16, 17, 18
SHEET 17, 18
ANALOG SIGNAL PWB(2/5)
SHEET 5
SHEET 12
SHEET 13
SHEET 14
SHEET 11
NOT USED

- NOTE -

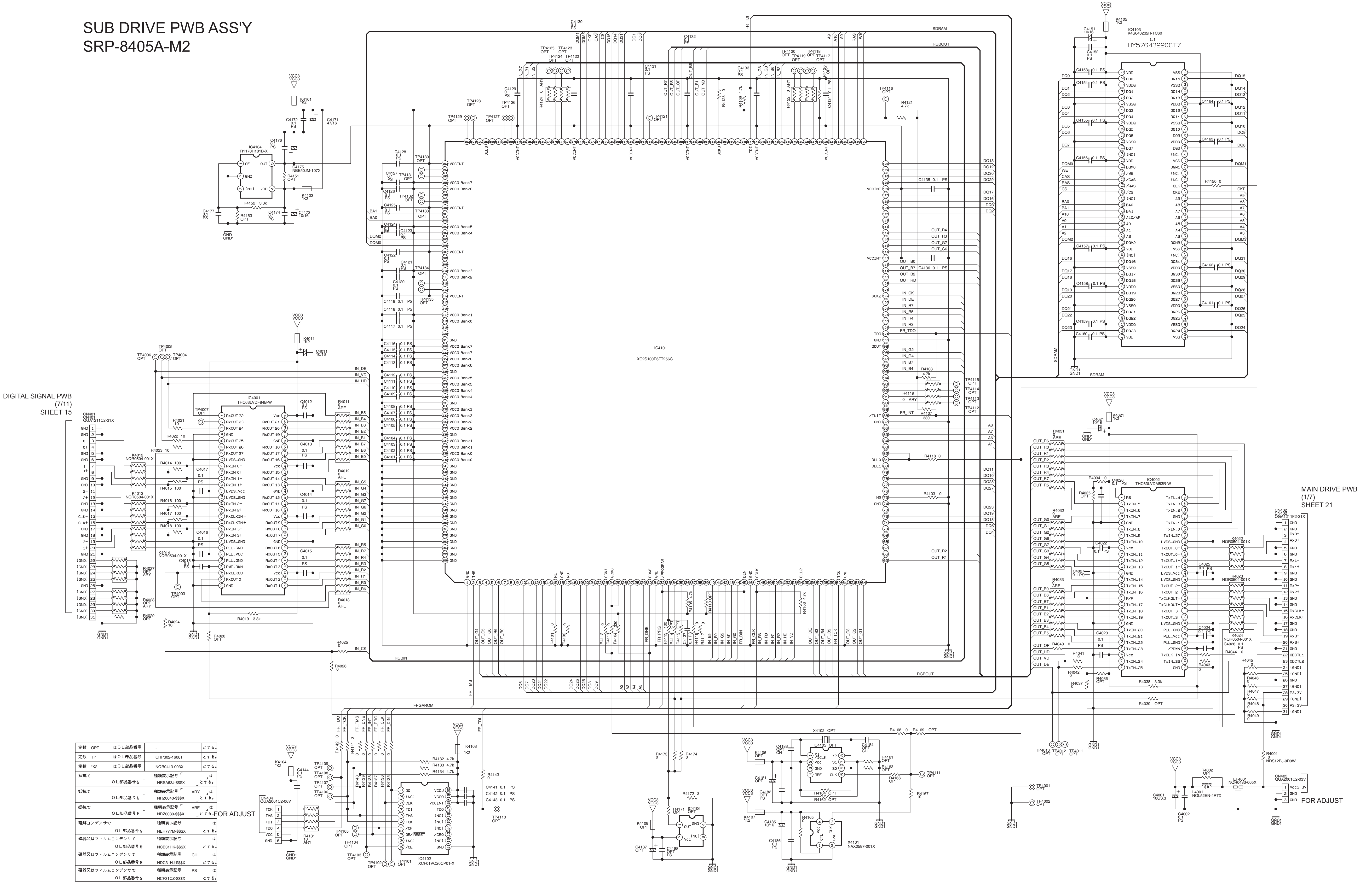
0 : NRSA63J-0R0X
*1 : NQR0498-001X
*2 : NQR0416-001X
*3 : NQR0483-005X
*4 : NQL092K-4R7X
*5 : NQL914M-4R7X
*6 : MA111-X

DIGITAL SIGNAL PWB ASS'Y(11/11)
SRP0D007A-M2 : HD-52Z575
SRP0D005A-M2 : HD-52Z585
SRP0D008A-M2 : HD-61Z575
SRP0D006A-M2 : HD-61Z585

MODE PIN NO.	DC (V)
IC9001	
1	8
2	18
3	3.3
4	0
5	1.2
6	1.1
7	4.9
8	0
IC9101	
1	7.3
2	18
3	2.4
4	0
5	1.2
6	1.4
7	4.9
8	0
IC9201	
1	6.4
2	17.9
3	1.5
4	0
5	1.2
6	1.1
7	4.8
8	0
Q7501	
E	2.7
C	0
B	2.1
Q7508	
E	0
C	0
B	0

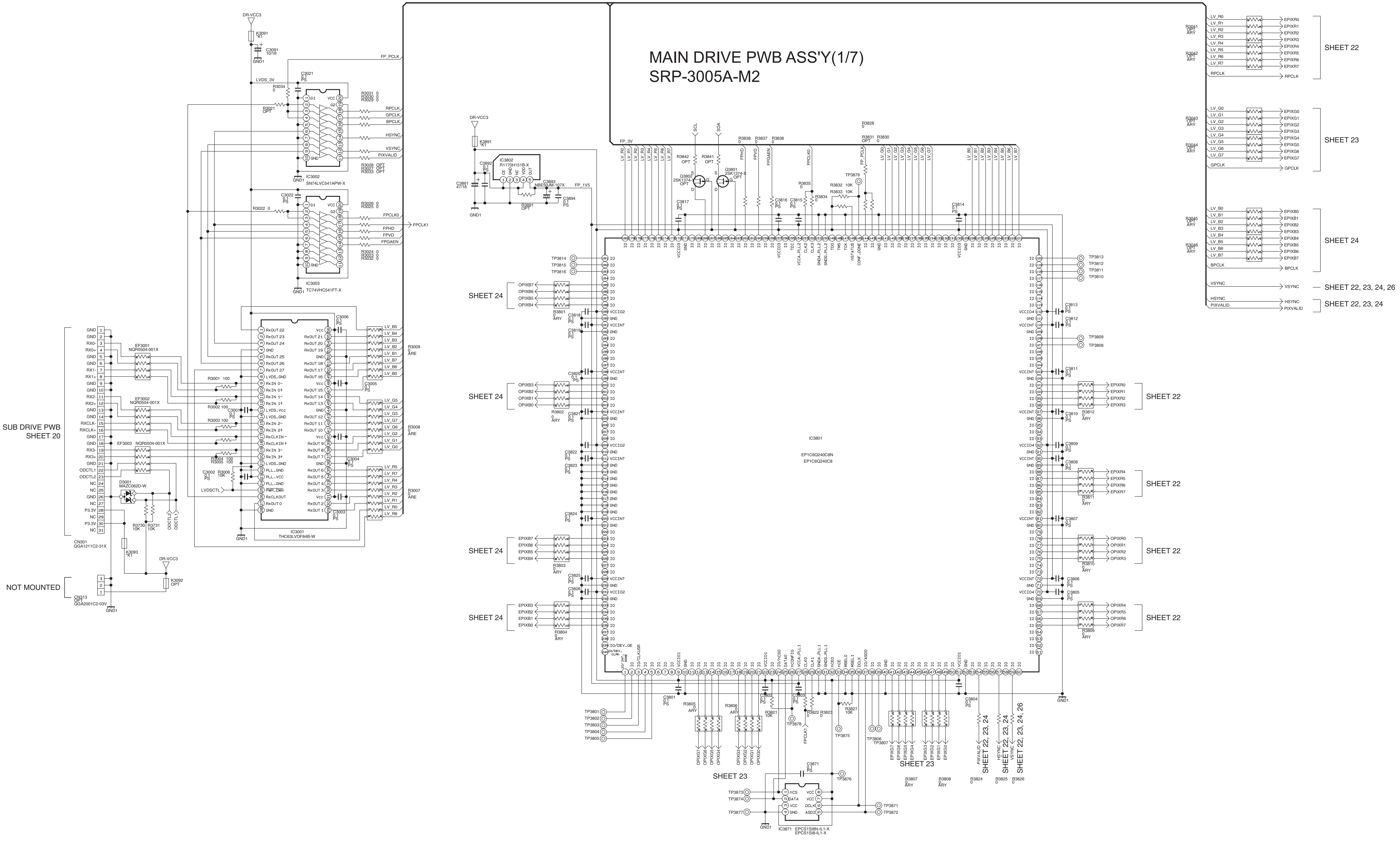
SUB DRIVE PWB CIRCUIT DIAGRAM SHEET 20

SUB DRIVE PWB ASS'Y
SRP-8405A-M2


DIGITAL SIGNAL PWB
(7/11)
SHEET 15
CN401 QGA1211C2-31X
MAIN DRIVE PWB
(1/7)
SHEET 21
CN402 QGA1211F2-31X
IC4101
XC2S100E6FT256C
IC4001
THC63LVDF84B-W
IC4002
THC63LVDM83R-W
IC4103
K4S643232H-TC60
or
HY57643220CT7
IC4104
R1170H181B-X
IC4102
XCF01VO20CP01-X
IC4105
X4101
NAX0587-001X
K4012 NQR0504-001X
K4013 NQR0504-001X
K4014 NQR0504-001X
K4022 NQR0504-001X
K4023 NQR0504-001X
K4024 NQR0504-001X
L4001 NQL52EN-4R7X
EF4001 NQR0483-005X
CN404 QGA2001C2-06V
CN403 QGA2001C2-03V
FOR ADJUST
FOR ADJUST
SDRAM
RGBOUT
RGBIN
FPGAROM
VCC3
GND1

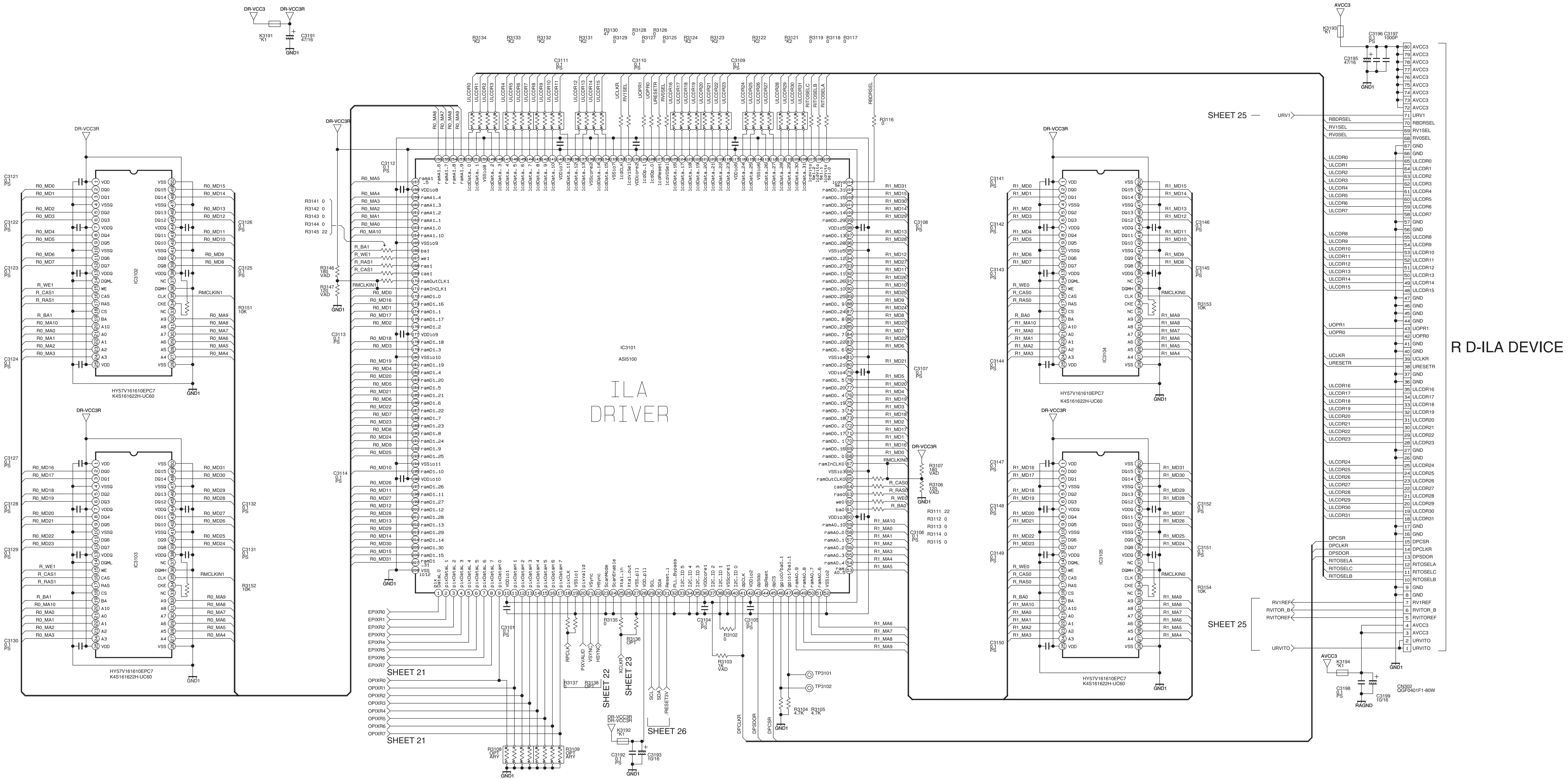
定数	OPT	はＯＬ部品番号	-	とする。
定数	TP	はＯＬ部品番号	CHP302-1608T	とする。
定数	*K2	はＯＬ部品番号	NQR0413-003X	とする。
抵抗で	ＯＬ部品番号を「	種類表示記号「 NRSA63J-$$$X	」は 」とする。	
抵抗で	ＯＬ部品番号を「	種類表示記号「 ARY NRZ0040-$$$X	」は 」とする。	
抵抗で	ＯＬ部品番号を「	種類表示記号「 ARE NRZ0080-$$$X	」は 」とする。	
電解コンデンサで	ＯＬ部品番号を	種類表示記号 NEH7??M-$$$X	は とする。	
磁器又はフィルムコンデンサで	ＯＬ部品番号を	種類表示記号 NCB31HK-$$$X	は とする。	
磁器又はフィルムコンデンサで	ＯＬ部品番号を	種類表示記号 CH NDC31HJ-$$$X	は とする。	
磁器又はフィルムコンデンサで	ＯＬ部品番号を	種類表示記号 PS NCF31CZ-$$$X	は とする。	

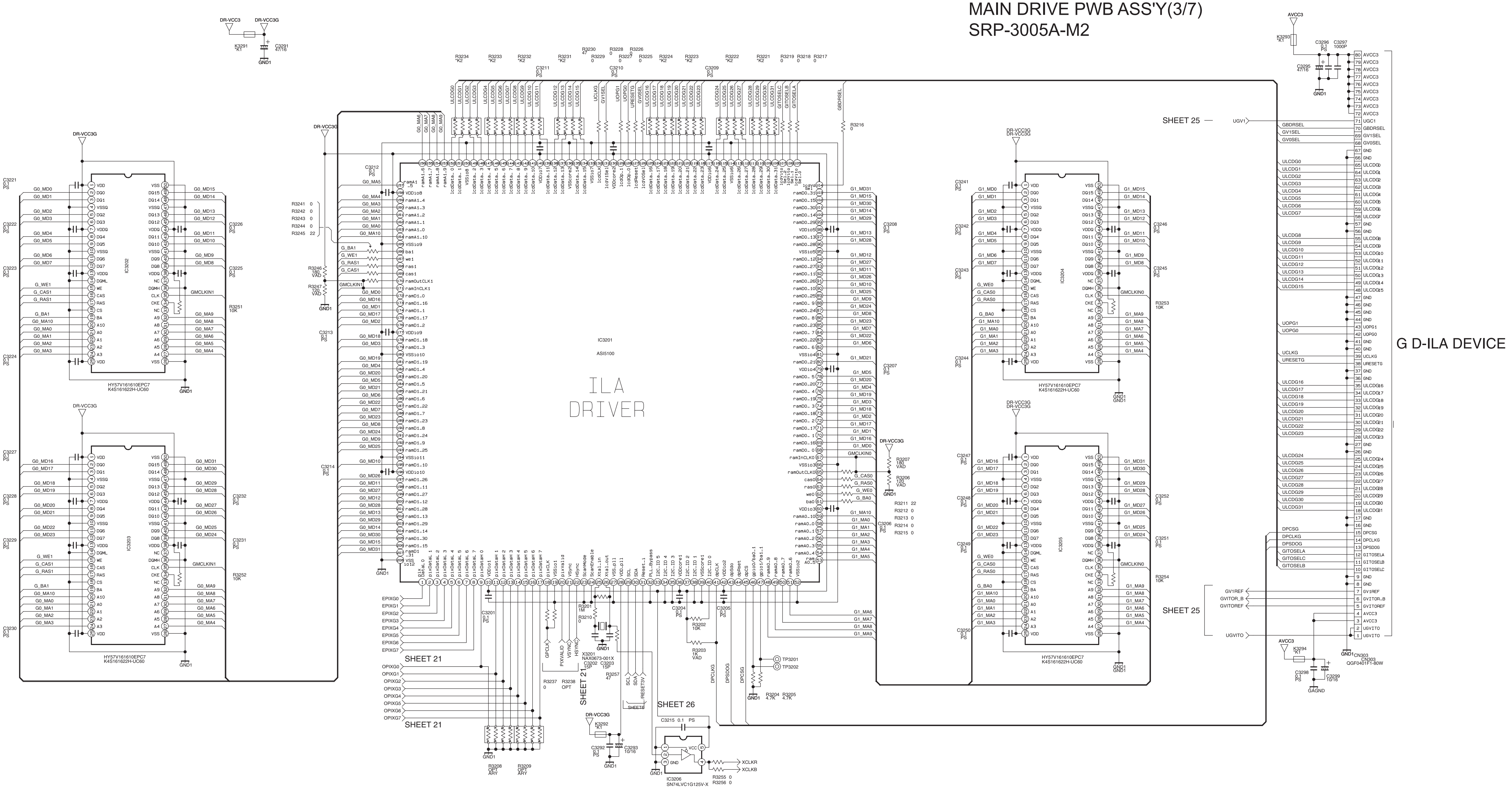
MAIN DRIVE PWB CIRCUIT DIAGRAM (1/7) SHEET 21


MAIN DRIVE PWB ASS'Y(1/7)
SRP-3005A-M2
SUB DRIVE PWB
SHEET 20
NOT MOUNTED
CN301
QGA1211C2-31X
CN313
OPT
QGA2001C2-03V
EF3001
NQR0504-001X
EF3002
NQR0504-001X
EF3003
NQR0504-001X
D3001
MAZC062D-W
IC3001
THC63LVDF84B-W
IC3002
SN74LVC541APW-X
IC3003
TC74VHC541FT-X
IC3802
R1170H151B-X
IC3801
EP1C6Q240C8N
EP1C6Q240C8
IC3871
EPCS1SI8N-IL1-X
EPCS1SI8-IL1-X
Q3801
2SK1374-X
Q3802
2SK1374-X
DR-VCC3
LVDS_3V
FP_3V
FP_1V5
FP_PCLK
FPCLK1
RPCLK
GPCLK
BPCLK
HSYNC
VSYNC
PIXVALID
FPHD
FPVD
FPGAEN
SCL
SDA
GND1
SHEET 22
SHEET 23
SHEET 24
SHEET 22, 23, 24, 26
SHEET 22, 23, 24

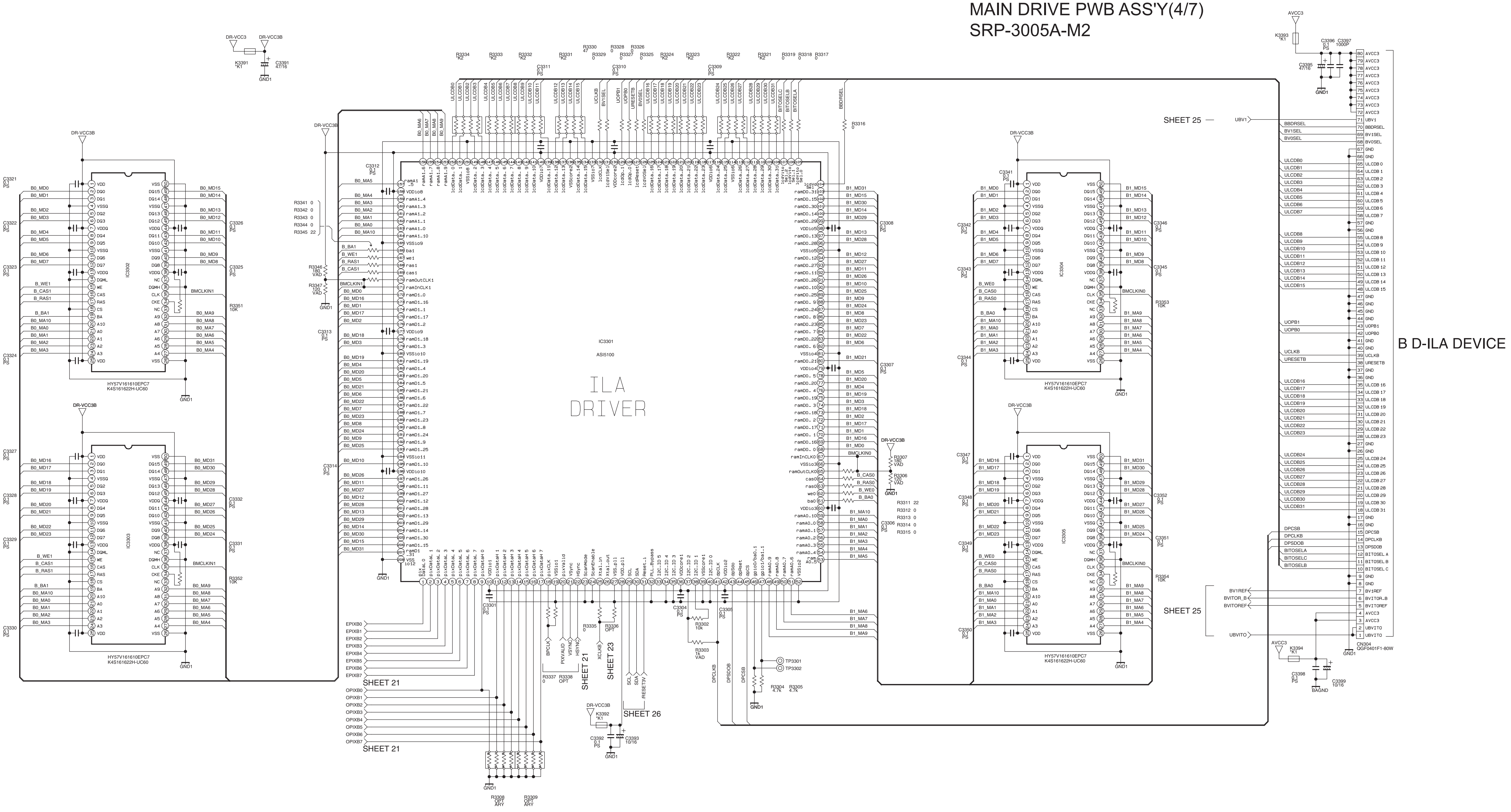
MAIN DRIVE PWB CIRCUIT DIAGRAM (2/7) SHEET 22

MAIN DRIVE PWB ASS'Y(2/7)
SRP-3005A-M2


DR-VCC3
DR-VCC3R
AVCC3
ILA DRIVER
IC3101
ASI5100
IC3102
IC3103
IC3104
IC3105
HY57V161610EPC7
K4S161622H-UC60
R D-ILA DEVICE
CN302
QGF0401F1-80W
SHEET 21
SHEET 22
SHEET 23
SHEET 25
SHEET 26
GND1
RAGND
TP3101
TP3102

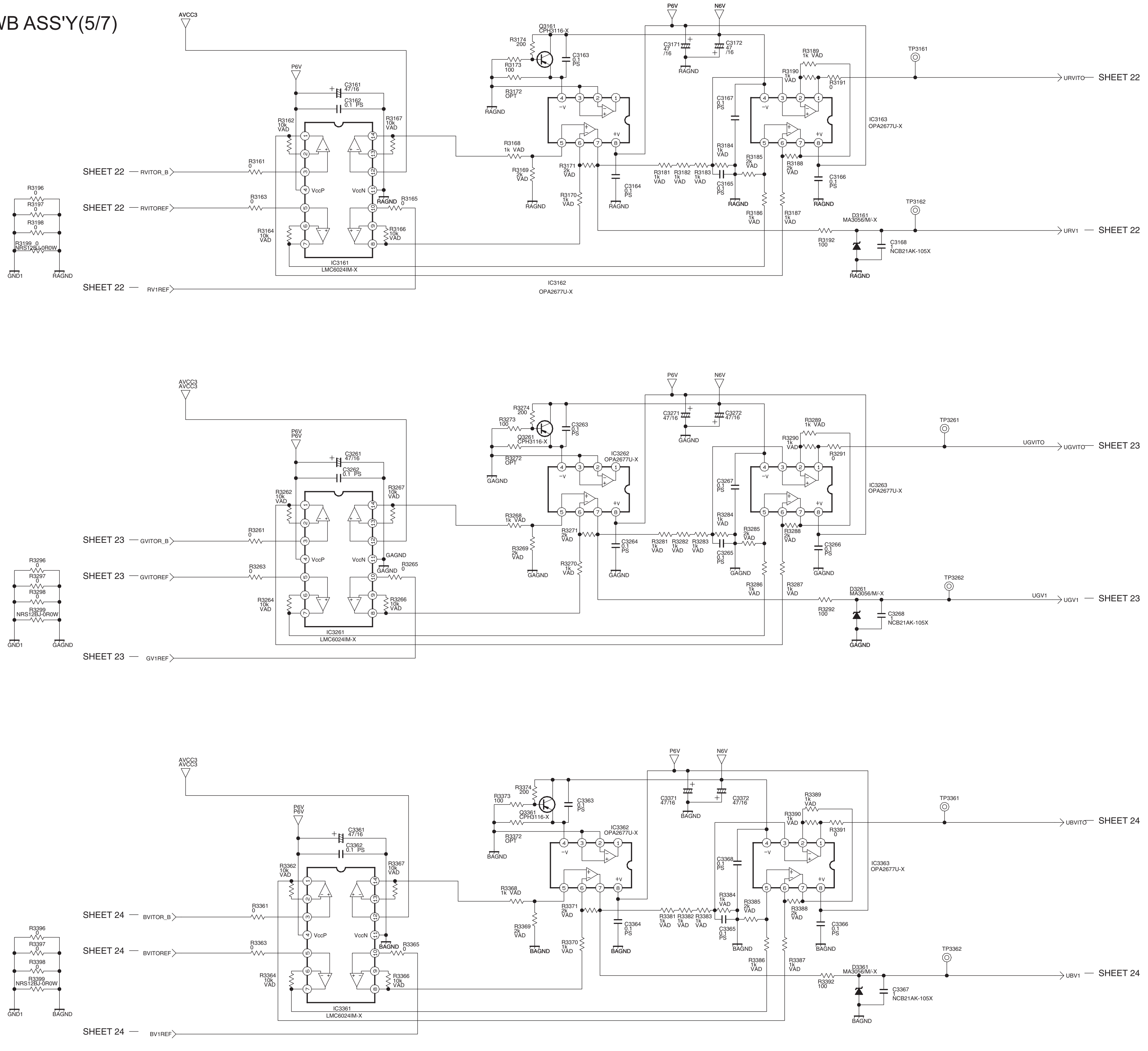

MAIN DRIVE PWB ASS'Y(3/7)
SRP-3005A-M2
G D-ILA DEVICE
ILA
DRIVER
IC3201
ASI5100
IC3202
IC3203
IC3204
IC3205
HY57V161610EPC7
K4S161622H-UC60
IC3206
SN74LVC1G125V-X
X3201
NAX0673-001X
CN303
QGF0401F1-80W
SHEET 21
SHEET 25
SHEET 26
DR-VCC3
DR-VCC3G
AVCC3
GND1
GAGND
TP3201
TP3202
XCLKR
XCLKB
GMCLKIN0
GMCLKIN1
EPIXG0
EPIXG1
EPIXG2
EPIXG3
EPIXG4
EPIXG5
EPIXG6
EPIXG7
OPIXG0
OPIXG1
OPIXG2
OPIXG3
OPIXG4
OPIXG5
OPIXG6
OPIXG7
GPCLK
PIXVALID
VSYNC
HSYNC
SCL
SDA
RESET3V
DPCLKG
DPSDOG
DPCSG
UGV1
GBDRSEL
GV1SEL
GV0SEL
GV1REF
GVITOR_B
GVITOREF
UGVITO

MAIN DRIVE PWB CIRCUIT DIAGRAM (4/7) SHEET 24


MAIN DRIVE PWB ASS'Y(4/7)
SRP-3005A-M2
B D-ILA DEVICE
IC3301
ASI5100
ILA
DRIVER
IC3302
IC3303
IC3304
IC3305
HY57V161610EPC7
K4S161622H-UC60
CN304
QGF0401F1-80W
SHEET 25
SHEET 21
SHEET 23
SHEET 26
DR-VCC3B
DR-VCC3
AVCC3
GND1
BAGND
TP3301
TP3302

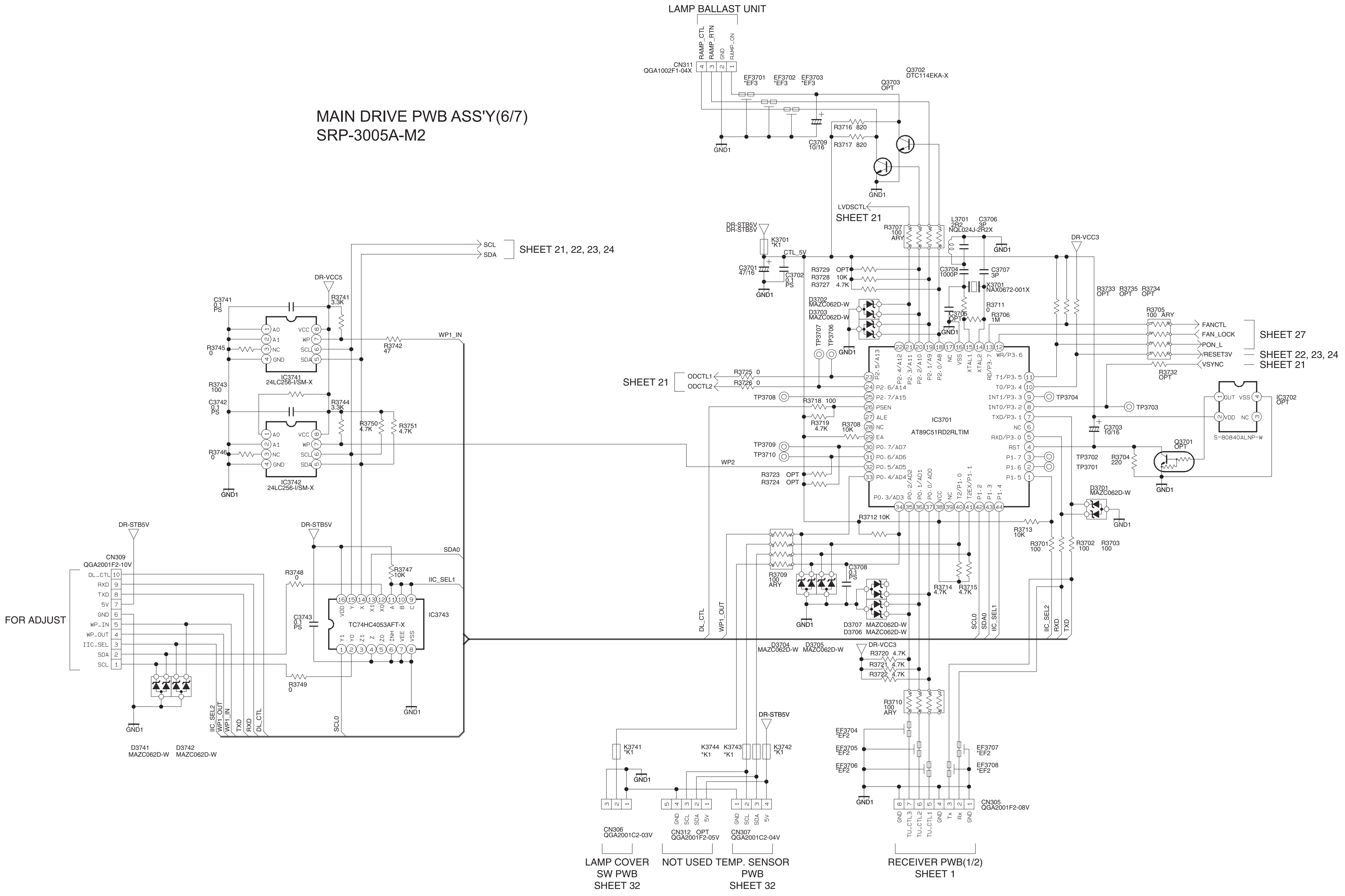
MAIN DRIVE PWB CIRCUIT DIAGRAM (5/7) SHEET 25

MAIN DRIVE PWB ASS'Y(5/7)
SRP-3005A-M2



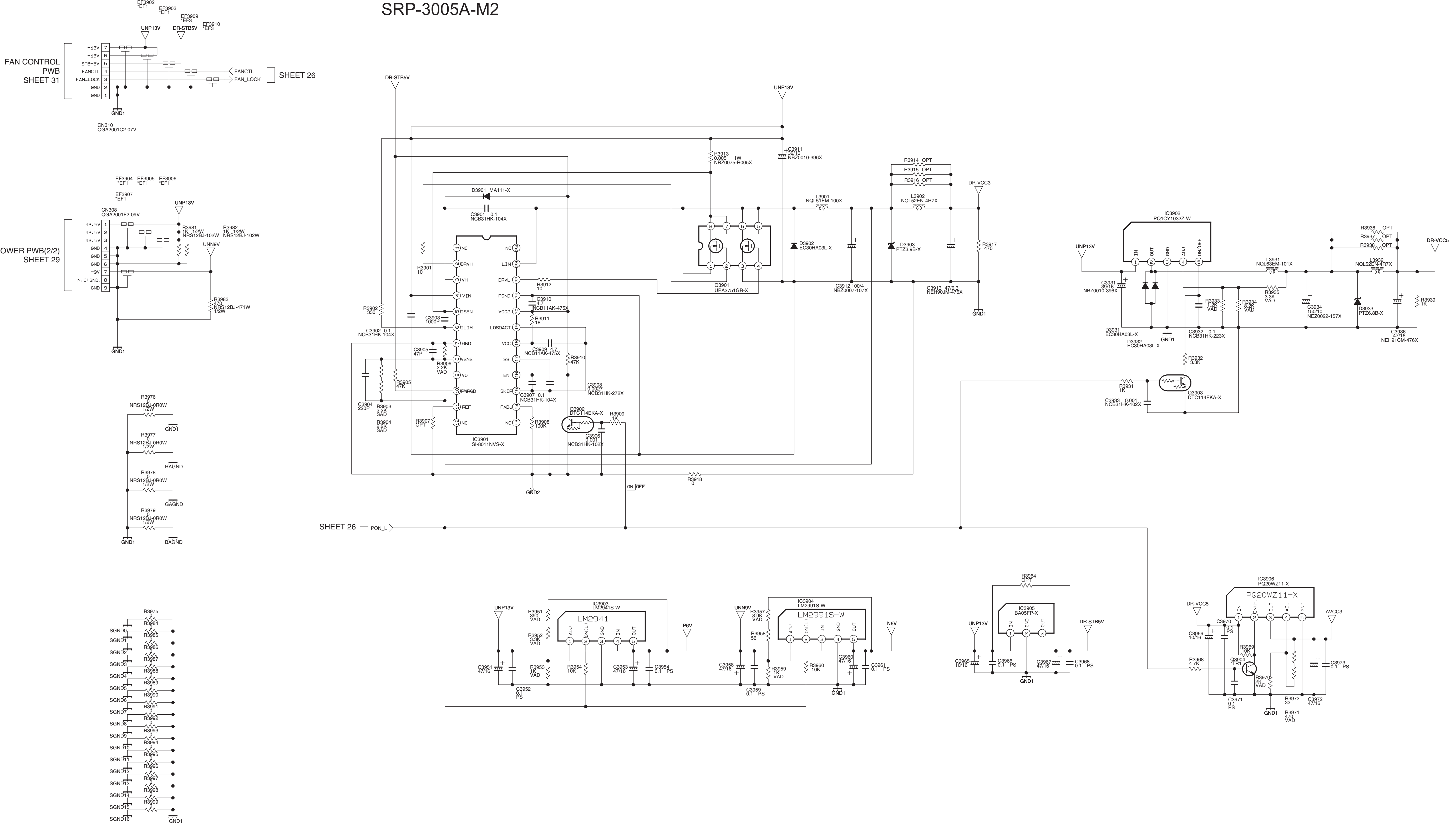
AVCC3
P6V
N6V
C3161 47/16
C3162 0.1 PS
R3162 10k VAD
R3167 10k VAD
R3161 0
R3163 0
R3164 10k VAD
R3165 0
R3166 10k VAD
VccP
VccN
RAGND
IC3161 LMC6024IM-X
SHEET 22 RVITOR_B
SHEET 22 RVITOREF
SHEET 22 RV1REF
R3196 0
R3197 0
R3198 0
R3199 0 NRS12BJ-0R0W
GND1
RAGND
Q3161 CPH3116-X
R3174 200
R3173 100
C3163 0.1 PS
R3172 OPT
R3168 1k VAD
R3169 2k VAD
R3171 2k VAD
R3170 1k VAD
C3164 0.1 PS
C3171 47 /16
C3172 47 /16
R3181 1k VAD
R3182 1k VAD
R3183 1k VAD
R3184 1k VAD
R3185 2k VAD
R3186 1k VAD
R3187 1k VAD
R3188 2k VAD
R3189 1k VAD
R3190 1k VAD
R3191 0
C3165 0.1 PS
C3166 0.1 PS
C3167 0.1 PS
IC3162 OPA2677U-X
IC3163 OPA2677U-X
TP3161
TP3162
D3161 MA3056/M/-X
R3192 100
C3168 1 NCB21AK-105X
URVITO SHEET 22
URV1 SHEET 22
C3261 47/16
C3262 0.1 PS
R3262 10k VAD
R3267 10k VAD
R3261 0
R3263 0
R3264 10k VAD
R3265 0
R3266 10k VAD
GAGND
IC3261 LMC6024IM-X
SHEET 23 GVITOR_B
SHEET 23 GVITOREF
SHEET 23 GV1REF
R3296 0
R3297 0
R3298 0
R3299 NRS12BJ-0R0W
Q3261 CPH3116-X
R3274 200
R3273 100
C3263 0.1 PS
R3272 OPT
R3268 1k VAD
R3269 2k VAD
R3271 2k VAD
R3270 1k VAD
C3264 0.1 PS
C3271 47/16
C3272 47/16
IC3262 OPA2677U-X
R3281 1k VAD
R3282 1k VAD
R3283 1k VAD
R3284 1k VAD
R3285 2k VAD
R3286 1k VAD
R3287 1k VAD
R3288 2k VAD
R3289 1k VAD
R3290 1k VAD
R3291 0
C3265 0.1 PS
C3266 0.1 PS
C3267 0.1 PS
IC3263 OPA2677U-X
TP3261
TP3262
D3261 MA3056/M/-X
R3292 100
C3268 1 NCB21AK-105X
UGVITO SHEET 23
UGV1 SHEET 23
C3361 47/16
C3362 0.1 PS
R3362 10k VAD
R3367 10k VAD
R3361 0
R3363 0
R3364 10k VAD
R3365 0
R3366 10k VAD
BAGND
IC3361 LMC6024IM-X
SHEET 24 BVITOR_B
SHEET 24 BVITOREF
SHEET 24 BV1REF
R3396 0
R3397 0
R3398 0
R3399 NRS12BJ-0R0W
Q3361 CPH3116-X
R3374 200
R3373 100
C3363 0.1 PS
R3372 OPT
R3368 1k VAD
R3369 2k VAD
R3371 2k VAD
R3370 1k VAD
C3364 0.1 PS
C3371 47/16
C3372 47/16
IC3362 OPA2677U-X
R3381 1k VAD
R3382 1k VAD
R3383 1k VAD
R3384 1k VAD
R3385 2k VAD
R3386 1k VAD
R3387 1k VAD
R3388 2k VAD
R3389 1k VAD
R3390 1k VAD
R3391 0
C3365 0.1 PS
C3366 0.1 PS
C3368 0.1 PS
IC3363 OPA2677U-X
TP3361
TP3362
D3361 MA3056/M/-X
R3392 100
C3367 1 NCB21AK-105X
UBVITO SHEET 24
UBV1 SHEET 24

MAIN DRIVE PWB CIRCUIT DIAGRAM (6/7) SHEET 26

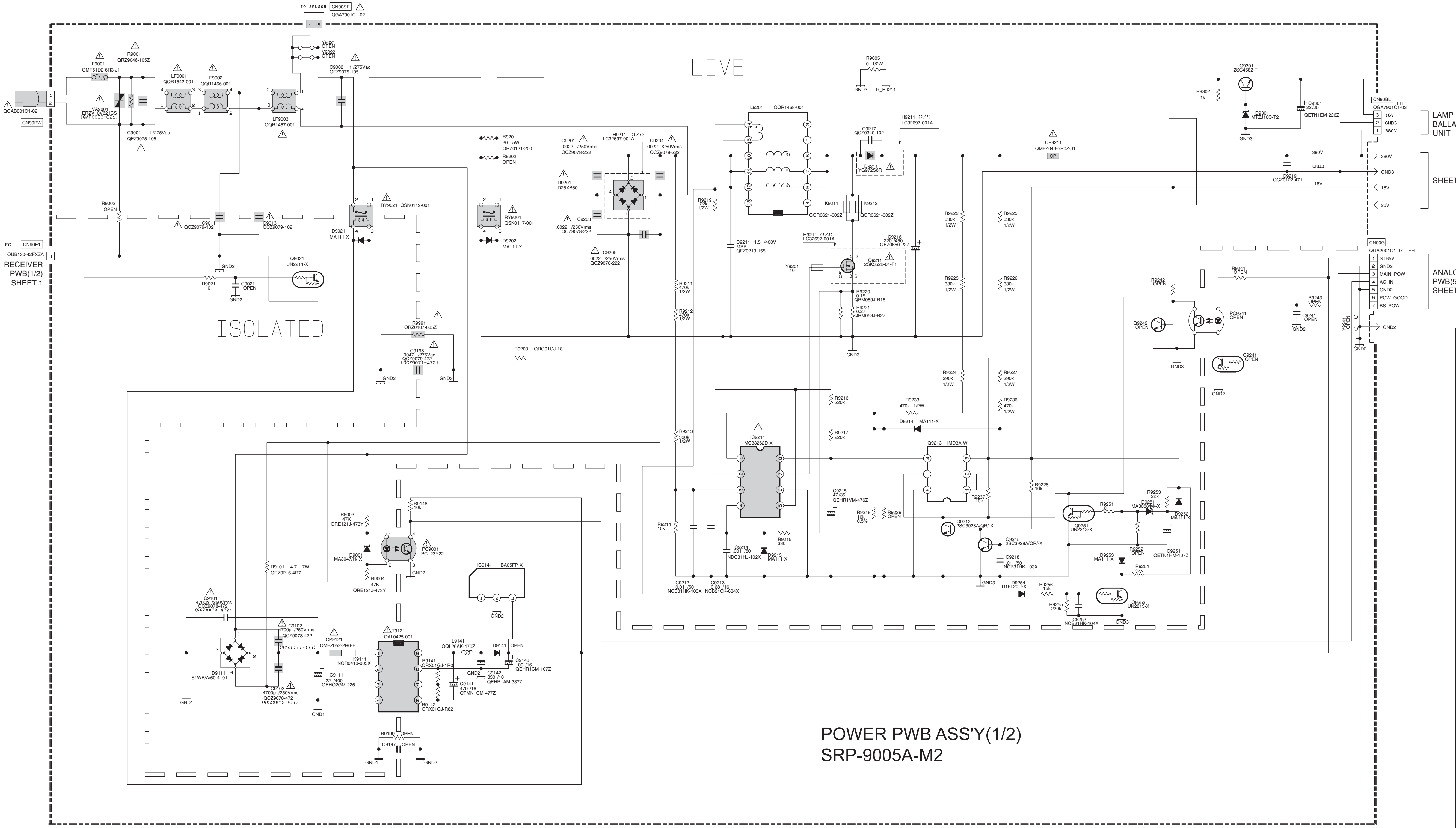

MAIN DRIVE PWB ASS'Y(6/7)
SRP-3005A-M2
LAMP BALLAST UNIT
RAMP_CTL
RAMP_RTN
GND
RAMP_ON
CN311
QGA1002F1-04X
EF3701 *EF3
EF3702 *EF3
EF3703 *EF3
Q3702 DTC114EKA-X
Q3703 OPT
R3716 820
R3717 820
C3709 10/16
GND1
LVDSCTL
SHEET 21
SCL
SDA
SHEET 21, 22, 23, 24
DR-STB5V
K3701 *K1
CTL_5V
C3701 47/16
C3702 0.1 PS
R3729 OPT
R3728 10K
R3727 4.7K
D3702 MAZC062D-W
D3703 MAZC062D-W
R3707 100 ARY
L3701 2R2 NQL024J-2R2X
C3706 3P
C3704 1000P
C3707 3P
X3701 NAX0672-001X
R3711 0
C3705 OPT
R3706 1M
DR-VCC3
R3733 OPT
R3735 OPT
R3734 OPT
R3705 100 ARY
FANCTL
FAN_LOCK
PON_L
/RESET3V
VSYNC
SHEET 27
SHEET 22, 23, 24
SHEET 21
R3732 OPT
TP3707
TP3706
ODCTL1
ODCTL2
R3725 0
R3726 0
TP3708
R3718 100
R3719 4.7K
R3708 10K
TP3709
TP3710
R3723 OPT
R3724 OPT
IC3701
AT89C51RD2RLTIM
TP3704
TP3703
TP3702
TP3701
R3704 220
C3703 10/16
Q3701 OPT
IC3702 OPT
S-80840ALNP-W
D3701 MAZC062D-W
R3712 10K
R3713 10K
R3701 100
R3702 100
R3703 100
R3709 100 ARY
C3708 0.1 PS
R3714 4.7K
R3715 4.7K
D3707 MAZC062D-W
D3706 MAZC062D-W
D3704 MAZC062D-W
D3705 MAZC062D-W
DL_CTL
WP1_OUT
SCL0
SDA0
IIC_SEL1
IIC_SEL2
RXD
TXD
R3720 4.7K
R3721 4.7K
R3722 4.7K
R3710 100 ARY
EF3704 *EF2
EF3705 *EF2
EF3706 *EF2
EF3707 *EF2
EF3708 *EF2
CN305 QGA2001F2-08V
GND TU_CTL3 TU_CTL2 TU_CTL1 GND Tx Rx GND
RECEIVER PWB(1/2) SHEET 1
K3741 *K1
K3744 *K1
K3743 *K1
K3742 *K1
CN306 QGA2001C2-03V
CN312 OPT QGA2001F2-05V
CN307 QGA2001C2-04V
GND SCL SDA 5V
LAMP COVER SW PWB SHEET 32
NOT USED
TEMP. SENSOR PWB SHEET 32
DR-VCC5
C3741 0.1 PS
R3741 3.3K
R3745 0
IC3741 24LC256-I/SM-X
R3742 47
WP1_IN
R3743 100
C3742 0.1 PS
R3744 3.3K
R3750 4.7K
R3751 4.7K
R3746 0
IC3742 24LC256-I/SM-X
WP2
CN309 QGA2001F2-10V
DL_CTL RXD TXD 5V GND WP_IN WP_OUT IIC_SEL SDA SCL
FOR ADJUST
R3748 0
R3747 10K
SDA0
IIC_SEL1
C3743 0.1 PS
IC3743
TC74HC4053AFT-X
R3749 0
D3741 MAZC062D-W
D3742 MAZC062D-W

MAIN DRIVE PWB CIRCUIT DIAGRAM (7/7) SHEET 27

MAIN DRIVE PWB ASS'Y(7/7)
SRP-3005A-M2


FAN CONTROL PWB SHEET 31
CN310 QGA2001C2-07V
+13V
STB+5V
FANCTL
FAN_LOCK
GND
GND1
EF3901 *EF1
EF3902 *EF1
EF3903 *EF1
EF3909 *EF3
EF3910 *EF3
UNP13V
DR-STB5V
SHEET 26
POWER PWB(2/2) SHEET 29
CN308 QGA2001F2-09V
13.5V
-9V
N.C(GND)
EF3904 *EF1
EF3905 *EF1
EF3906 *EF1
EF3907 *EF1
R3981 1K 1/2W NRS12BJ-102W
R3982 1K 1/2W NRS12BJ-102W
UNN9V
R3983 470 NRS12BJ-471W 1/2W
R3976 0 NRS12BJ-0R0W 1/2W
R3977 0 NRS12BJ-0R0W 1/2W
R3978 0 NRS12BJ-0R0W 1/2W
R3979 0 NRS12BJ-0R0W 1/2W
RAGND
GAGND
BAGND
R3975
R3984
R3985
R3986
R3987
R3988
R3989
R3990
R3991
R3992
R3993
R3994
R3995
R3996
R3997
R3998
R3999
SGND0
SGND1
SGND2
SGND3
SGND4
SGND5
SGND6
SGND7
SGND8
SGND9
SGND10
SGND11
SGND12
SGND13
SGND14
SGND15
SGND16
D3901 MA111-X
C3901 0.1 NCB31HK-104X
IC3901 SI-8011NVS-X
NC
DRVH
VH
VIN
ISEN
ILIM
GND
VSNS
VO
PWRGD
REF
LIN
DRVL
PGND
VCC2
LOSDACT
VCC
SS
EN
SKIP
FADJ
R3901 10
R3902 330
C3902 0.1 NCB31HK-104X
C3903 1000P
C3904 220P
C3905 47P
R3903 2.2K SAD
R3904 2.2K SAD
R3905 47K
R3906 2.2K VAD
R3907 OPT
R3908 100K
R3909 1K
R3910 47K
R3911 18
R3912 10
C3906 0.001 NCB31HK-102X
C3907 0.1 NCB31HK-104X
C3908 0.0027 NCB31HK-272X
C3909 4.7 NCB11AK-475X
C3910 4.7 NCB11AK-475X
Q3902 DTC114EKA-X
GND2
R3918 0
ON OFF
R3913 0.005 1W NRZ0075-R005X
C3911 39/16 NBZ0010-396X
Q3901 UPA2751GR-X
L3901 NQL51EM-100X
D3902 EC30HA03L-X
C3912 100/4 NBZ0007-107X
R3914 OPT
R3915 OPT
R3916 OPT
L3902 NQL52EN-4R7X
D3903 PTZ3.9B-X
C3913 47/6.3 NEH90JM-476X
DR-VCC3
R3917 470
IC3902 PQ1CY1032Z-W
IN
OUT
GND
ADJ
ON/OFF
C3931 39/16 NBZ0010-396X
D3931 EC30HA03L-X
D3932 EC30HA03L-X
R3933 1.2K VAD
R3934 8.2K VAD
R3935 3.3K VAD
C3932 0.1 NCB31HK-223X
L3931 NQL63EM-101X
C3934 150/10 NEZ0022-157X
D3933 PTZ6.8B-X
R3936 OPT
R3937 OPT
R3938 OPT
L3932 NQL52EN-4R7X
C3936 47/16 NEH91CM-476X
R3939 1K
DR-VCC5
R3932 3.3K
R3931 1K
C3933 0.001 NCB31HK-102X
Q3903 DTC114EKA-X
PON_L
IC3903 LM2941S-W
LM2941
ADJ
ON(L)
R3951 390 VAD
R3952 3.3K VAD
R3953 1K
R3954 10K
C3951 47/16
C3952 0.1 PS
C3953 47/16
C3954 0.1 PS
P6V
IC3904 LM2991S-W
LM2991S-W
R3957 3.9K VAD
R3958 56
R3959 1K VAD
R3960 10K
C3958 47/16
C3959 0.1 PS
C3960 47/16
C3961 0.1 PS
N6V
R3964 OPT
IC3905 BA05FP-X
C3965 10/16
C3966 0.1 PS
C3967 47/16
C3968 0.1 PS
IC3906 PQ20WZ11-X
PQ20WZ11-X
ON(H)
AVCC3
C3969 10/16
C3970 0.1 PS
R3968 4.7K
R3969 10K
Q3904 *R1
R3970 2K VAD
C3971 0.1 PS
R3972 33
R3971 470 VAD
C3972 47/16
C3973 0.1 PS

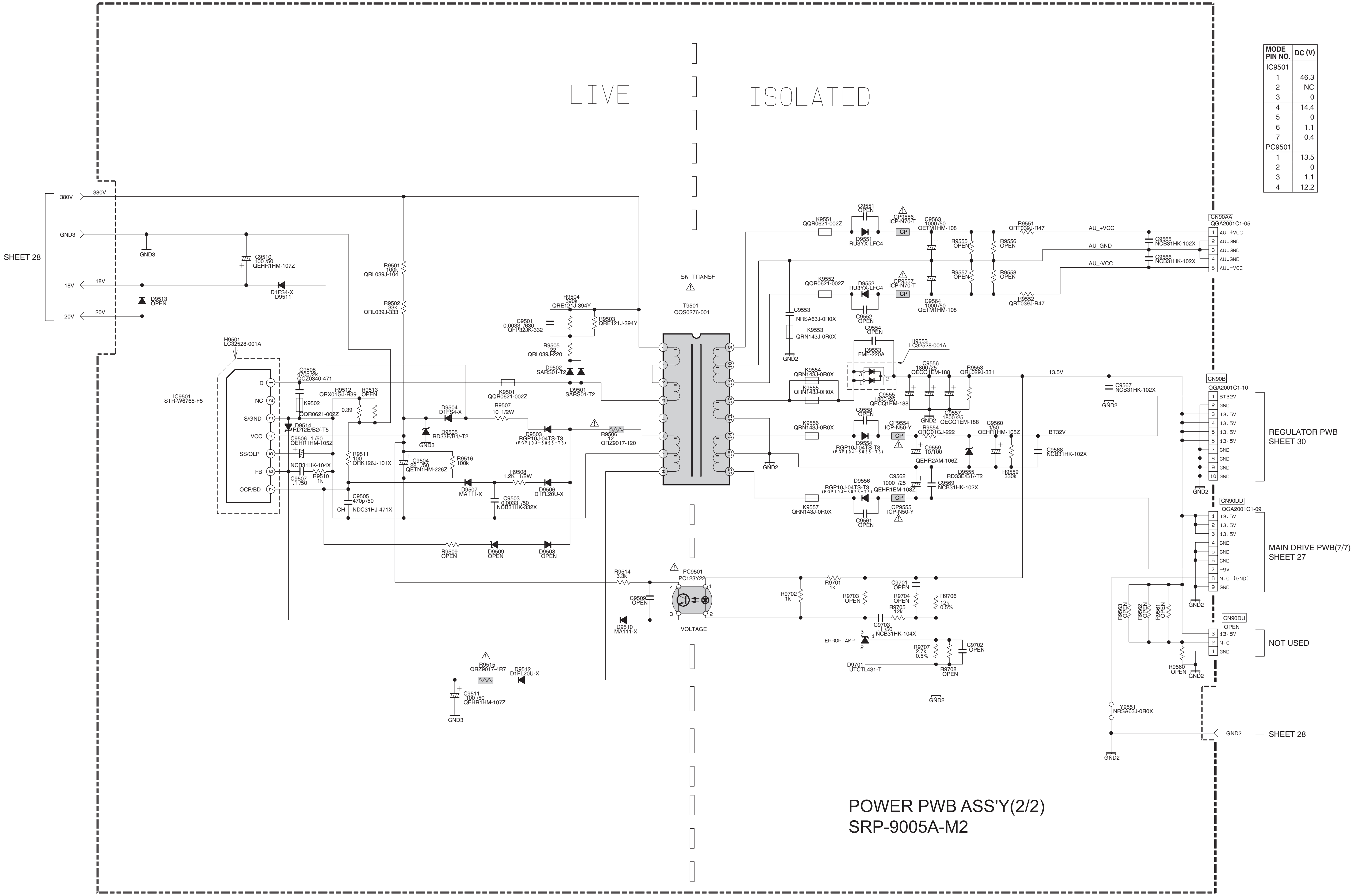
POWER PWB CIRCUIT DIAGRAM (1/2) SHEET 28


TO SENSOR
CN90SE
QGA7901C1-02
LIVE
ISOLATED
QGAB801C1-02
CN90PW
F9001
QMF51D2-6R3-J1
R9001
QRZ9046-105Z
VA9001
ERZV10V621CS
LF9001
QQR1542-001
LF9002
QQR1466-001
LF9003
QQR1467-001
C9001 1 /275Vac
QFZ9075-105
C9002 1 /275Vac
QFZ9075-105
R9002
OPEN
C9011
QCZ9079-102
C9013
QCZ9079-102
FG
CN90E1
QUB130-42EXZA
RECEIVER
PWB(1/2)
SHEET 1
Q9021
UN2211-X
R9021
0
C9021
OPEN
GND2
RY9021 QSK0119-001
D9021
MA111-X
RY9201
QSK0117-001
D9202
MA111-X
R9201
20 5W
QRZ0121-200
R9202
OPEN
C9201
.0022 /250Vrms
QCZ9078-222
H9211 (1/3)
LC32697-001A
C9204
.0022 /250Vrms
QCZ9078-222
D9201
D25XB60
C9203
C9205
.0022 /250Vrms
QCZ9078-222
R9991
QRZ0107-685Z
C9198
.0047 /275Vac
QCZ9079-472
GND3
R9203 QRG01GJ-181
R9005
0 1/2W
G_H9211
L9201 QQR1468-001
C9217
QCZ0340-102
D9211
YG972S6R
H9211 (2/3)
LC32697-001A
K9211
K9212
QQR0621-002Z
C9211 1.5 /400V
MPP
QFZ0213-155
C9216
220 /450
QEZ0650-227
Q9211
2SK3522-01-F1
Y9201
10
R9220
0.15
QRM059J-R15
R9221
0.27
QRM059J-R27
R9219
22k
1/2W
R9211
470k
1/2W
R9212
470k
1/2W
R9213
330k
1/2W
R9222
330k
1/2W
R9223
330k
1/2W
R9224
390k
1/2W
R9225
330k
1/2W
R9226
330k
1/2W
R9227
390k
1/2W
R9236
470k
1/2W
CP9211
QMFZ043-5R0Z-J1
CP
Q9301
2SC4682-T
R9302
1k
D9301
MTZJ16C-T2
C9301
22 /25
QETN1EM-226Z
C9219
QCZ0122-471
CN90BL
QGA7901C1-03
16V
380V
LAMP
BALLAST
UNIT
18V
20V
SHEET 29
CN90G
QGA2001C1-07
STBS5V
MAIN_POW
AC_IN
POW_GOOD
BS_POW
ANALOG SIGNAL
PWB(5/5)
SHEET 8
R9241
OPEN
R9242
OPEN
Q9242
OPEN
PC9241
OPEN
R9243
OPEN
C9241
OPEN
Q9241
OPEN
Y9241
OPEN
R9216
220k
R9217
220k
R9233
470k 1/2W
D9214 MA111-X
IC9211
MC33262D-X
Q9213 IMD3A-W
R9214
15k
C9215
47/35
QEHR1VM-476Z
R9218
10k
0.5%
R9229
OPEN
R9237
10k
R9228
10k
Q9212
2SC3928A/QR/-X
Q9215
2SC3928A/QR/-X
C9218
.01 /50
NCB31HK-103X
C9214
.001 /50
NDC31HJ-102X
D9213
MA111-X
R9215
330
C9212
0.01 /50
NCB31HK-103X
C9213
0.68 /16
NCB21CK-684X
Q9251
UN2213-X
R9251
R9253
22k
D9251
MA3068/M/-X
D9252
MA111-X
R9252
OPEN
D9253
MA111-X
C9251
QETN1HM-107Z
R9254
47k
D9254
D1FL20U-X
R9256
15k
R9255
220k
C9252
NCB21HK-104X
Q9252
UN2213-X
R9148
10k
R9003
47K
QRE121J-473Y
D9001
MA3047/H/-X
PC9001
PC123Y22
R9004
47K
QRE121J-473Y
IC9141 BA05FP-X
R9101 4.7 7W
QRZ0216-4R7
C9101
4700p /250Vrms
QCZ9078-472
C9102
4700p /250Vrms
QCZ9078-472
C9103
4700p /250Vrms
QCZ9078-472
D9111
S1WB/A/60-4101
CP9121
QMFZ052-2R0-E
K9111
NQR0413-003X
C9111
22 /400
QEHQ2GM-226
T9121
QAL0425-001
L9141
QQL26AK-470Z
D9141 OPEN
R9141
QRX01GJ-1R0
R9142
QRX01GJ-R82
C9141
470 /16
QTMN1CM-477Z
C9142
330 /10
QEHR1AM-337Z
C9143
100 /16
QEHR1CM-107Z
R9199 OPEN
C9197 OPEN
GND1
GND2
POWER PWB ASS'Y(1/2)
SRP-9005A-M2

MODE PIN NO.	DC (V)
IC9141	
1	5.6
2	0
3	4.7
IC9211	
1	1.8
2	2.4
3	0.9
4	0
5	2.2
6	0
7	8.9
8	13.7
IC9213	
1	0
2	0
3	13.7
4	0
5	6.9
6	0
PC9001	
1	47.4
2	47.1
3	0
4	2.8
Q9211	
S	0
D	110
G	9
Q9301	
E	15.9
C	20.4
B	0
Q9212	
E	0
C	6.8
B	0
Q9213	
1	0
2	0
3	18
4	13.7
5	17.2
6	0
Q9215	
E	0
C	0
B	0.5
Q9251	
E	0
C	17.2
B	0
Q9252	
E	0
C	17
B	2.2

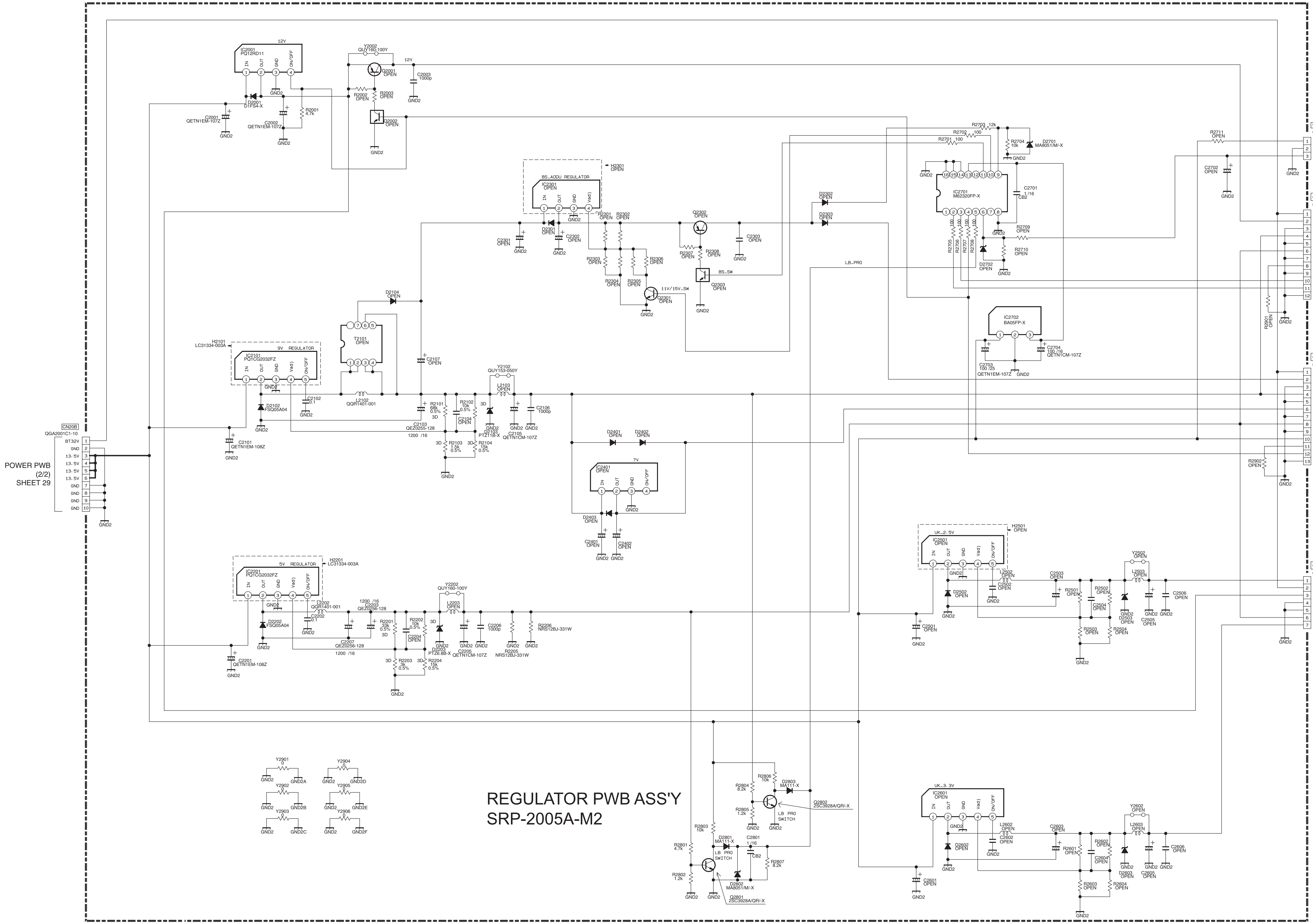
POWER PWB CIRCUIT DIAGRAM (2/2) SHEET 29

MODE PIN NO.	DC (V)
IC9501	
1	46.3
2	NC
3	0
4	14.4
5	0
6	1.1
7	0.4
PC9501	
1	13.5
2	0
3	1.1
4	12.2



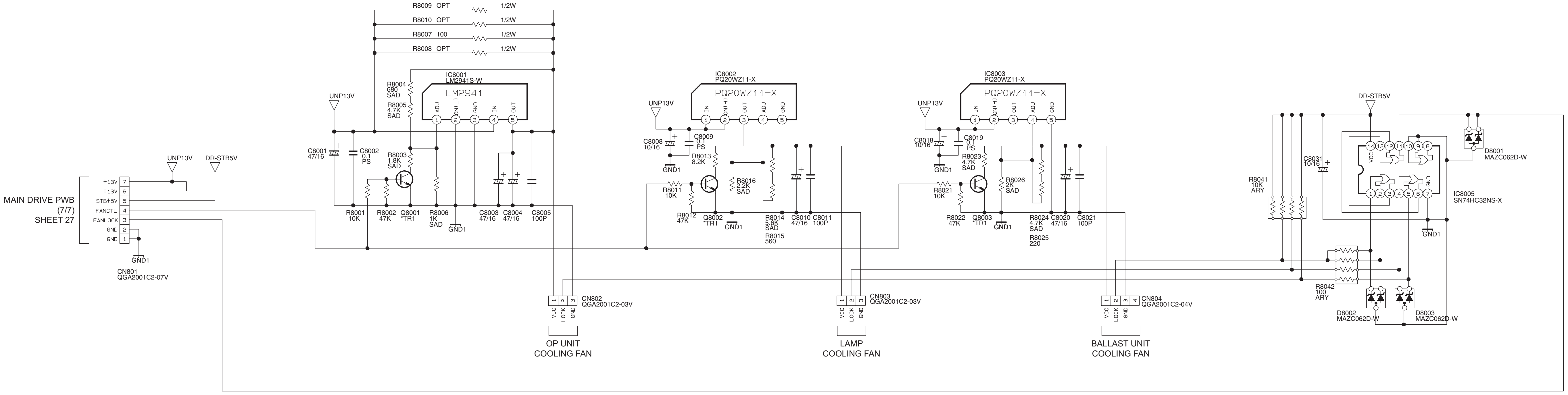
LIVE
ISOLATED
SHEET 28
380V
GND3
18V
20V
C9510 100 /50 QEHR1HM-107Z
D1FS4-X D9511
D9513 OPEN
R9501 100k QRL039J-104
R9502 33k QRL039J-333
H9501 LC32528-001A
IC9501 STR-W6765-F5
D
NC
S/GND
VCC
SS/OLP
FB
OCP/BD
C9508 470p /2k QCZ0340-471
K9502 QQR0621-002Z
R9512 QRX01GJ-R39
R9513 OPEN
0.39
D9514 RD12E/B2/-T5
C9506 1 /50 QEHR1HM-105Z
NCB31HK-104X
C9507 .1 /50
R9510 1k
R9511 100 QRK126J-101X
C9505 470p/50
CH NDC31HJ-471X
C9504 22 /50 QETN1HM-226Z
R9516 100k
D9504 D1FS4-X
D9505 RD33E/B1/-T2
GND3
C9501 0.0033 /630 QFP32JK-332
R9504 390k QRE121J-394Y
R9503 QRE121J-394Y
R9505 22 QRL039J-220
D9502 SARS01-T2
D9501 SARS01-T2
K9501 QQR0621-002Z
R9507 10 1/2W
D9503 RGP10J-04TS-T3
R9506 12 QRZ9017-120
R9508 1.2K 1/2W
D9507 MA111-X
C9503 0.0033 /50 NCB31HK-332X
D9506 D1FL20U-X
R9509 OPEN
D9509 OPEN
D9508 OPEN
SW TRANSF
T9501 QQS0276-001
R9514 3.3k
PC9501 PC123Y22
C9509 OPEN
D9510 MA111-X
VOLTAGE
R9515 QRZ9017-4R7
D9512 D1FL20U-X
C9511 100 /50 QEHR1HM-107Z
GND3
K9551 QQR0621-002Z
C9551 OPEN
D9551 RU3YX-LFC4
CP9556 ICP-N70-T
C9563 1000 /50 QETM1HM-108
R9555 OPEN
R9556 OPEN
R9551 QRT039J-R47
AU_+VCC
AU_GND
AU_-VCC
C9565 NCB31HK-102X
C9566 NCB31HK-102X
K9552 QQR0621-002Z
D9552 RU3YX-LFC4
CP9557 ICP-N70-T
C9552 OPEN
R9557 OPEN
R9558 OPEN
C9564 1000 /50 QETM1HM-108
R9552 QRT039J-R47
CN90AA QGA2001C1-05
C9553 NRSA63J-0R0X
K9553 QRN143J-0R0X
C9554 OPEN
D9553 FME-220A
H9553 LC32528-001A
K9554 QRN143J-0R0X
K9555 QRN143J-0R0X
C9555 1800 /25 QECQ1EM-188
C9556 1800 /25 QECQ1EM-188
C9557 1800 /25 QECQ1EM-188
R9553 QRL029J-331
13.5V
C9567 NCB31HK-102X
CN90B QGA2001C1-10
BT32V
13.5V
GND
REGULATOR PWB SHEET 30
K9556 QRN143J-0R0X
C9558 OPEN
D9554 RGP10J-04TS-T3
CP9554 ICP-N50-Y
R9554 QRG01GJ-222
C9559 10/100 QEHR2AM-106Z
D9555 RD33E/B1/-T2
R9559 330k
C9560 1 /50 QEHR1HM-105Z
C9568 NCB31HK-102X
D9556 RGP10J-04TS-T3
C9562 1000 /25 QEHR1EM-108Z
C9569 NCB31HK-102X
K9557 QRN143J-0R0X
CP9555 ICP-N50-Y
C9561 OPEN
GND2
CN90DD QGA2001C1-09
-9V
N.C (GND)
MAIN DRIVE PWB(7/7) SHEET 27
R9701 1k
R9702 1k
R9703 OPEN
C9701 OPEN
R9704 OPEN
R9705 12k
R9706 12k 0.5%
C9703 1 /50 NCB31HK-104X
ERROR AMP
D9701 UTCTL431-T
R9707 2.7k 0.5%
R9708 OPEN
C9702 OPEN
R9563 OPEN
R9562 OPEN
R9561 OPEN
R9560 OPEN
CN90DU OPEN
N.C
NOT USED
Y9551 NRSA63J-0R0X
GND2
SHEET 28
POWER PWB ASS'Y(2/2)
SRP-9005A-M2

REGULATOR PWB CIRCUIT DIAGRAM SHEET 30


POWER PWB
(2/2)
SHEET 29
CN20B
QGA2001C1-10
BT32V
13.5V
GND
GND2
IC2001
PQ12RD11
12V
IN
OUT
GND
ON/OFF
D2001
D1FS4-X
C2001
QETN1EM-107Z
C2002
QETN1EM-107Z
R2001
4.7k
Y2002
QUY160-100Y
Q2001
OPEN
R2002
OPEN
R2003
OPEN
Q2002
OPEN
C2003
1000p
H2301
OPEN
BS_AODU REGULATOR
IC2301
OPEN
Vadj
C2301
OPEN
D2301
OPEN
C2302
OPEN
R2301
OPEN
R2302
OPEN
R2303
OPEN
R2304
OPEN
R2305
OPEN
R2306
OPEN
Q2301
OPEN
11V/15V_SW
Q2302
OPEN
R2307
OPEN
R2308
OPEN
Q2303
OPEN
BS_SW
C2303
OPEN
D2302
OPEN
D2303
OPEN
LB_PRO
R2701 100
R2702 100
R2703 12k
R2704
10k
D2701
MA8051/M-X
IC2701
M62320FP-X
C2701
1/16
CB2
R2705
R2706
R2707
R2708
100
R2709
OPEN
R2710
OPEN
D2702
OPEN
R2711
OPEN
C2702
OPEN
IC2702
BA05FP-X
C2703
100 /25
QETN1EM-107Z
C2704
100 /16
QETN1CM-107Z
CN2FN
OPEN
FAN_VCC
GND
FAN_LOCK
NOT USED
CN20D
QGA2001F1-12
BT32V
12V
9V
5V
3.3V
SDA3B5
SCL3B5
ANALOG SIGNAL PWB
(5/5)
SHEET 8
R2901
OPEN
CN203
QGA2001C1-13
BS_AODU
7V
13.5V
LCD5V
LB_POW
DIGITAL SIGNAL PWB
(11/11)
SHEET 19
R2902
OPEN
H2101
LC31334-003A
9V REGULATOR
IC2101
PQ1CG2032FZ
D2102
FSQ05A04
C2101
QETN1EM-108Z
C2102
0.1
D2104
OPEN
T2101
OPEN
L2102
QQR1401-001
C2107
OPEN
C2103
QEZ0255-128
1200 /16
R2101
68k
0.5%
3D
R2102
10k
0.5%
C2104
OPEN
R2103
1.2k
0.5%
R2104
15k
0.5%
Y2102
QUY153-050Y
L2103
OPEN
D2103
PTZ11B-X
C2105
QETN1CM-107Z
C2106
1000p
D2401
OPEN
D2402
OPEN
7V
IC2401
OPEN
D2403
OPEN
C2401
OPEN
C2402
OPEN
H2201
LC31334-003A
5V REGULATOR
IC2201
PQ1CG2032FZ
D2202
FSQ05A04
C2201
QETN1EM-108Z
L2202
QQR1401-001
C2202
0.1
C2203
QEZ0256-128
1200 /16
C2207
QEZ0256-128
1200 /16
R2201
33k
0.5%
R2202
10k
0.5%
C2204
OPEN
R2203
3k
0.5%
R2204
15k
0.5%
Y2202
QUY160-100Y
L2203
OPEN
D2203
PTZ6.8B-X
C2205
QETN1CM-107Z
C2206
1000p
R2205
NRS12BJ-331W
R2206
NRS12BJ-331W
H2501
OPEN
UK_2.5V
IC2501
OPEN
D2502
OPEN
C2501
OPEN
L2502
OPEN
C2502
OPEN
C2503
OPEN
R2501
OPEN
R2502
OPEN
C2504
OPEN
R2503
OPEN
R2504
OPEN
D2503
OPEN
Y2502
OPEN
L2503
OPEN
C2505
OPEN
C2506
OPEN
CN2UP
OPEN
2.5V
BT32V
12V
GND
5V
3.3V
NOT USED
UK_3.3V
IC2601
OPEN
D2602
OPEN
C2601
OPEN
L2602
OPEN
C2602
OPEN
C2603
OPEN
R2601
OPEN
R2602
OPEN
C2604
OPEN
R2603
OPEN
R2604
OPEN
D2603
OPEN
Y2602
OPEN
L2603
OPEN
C2605
OPEN
C2606
OPEN
Y2901
Y2902
Y2903
Y2904
Y2905
Y2906
0
GND2A
GND2B
GND2C
GND2D
GND2E
GND2F
R2801
4.7k
R2802
1.2k
R2803
10k
D2801
MA111-X
LB PRO
SWITCH
C2801
1 /16
CB2
R2807
8.2k
D2802
MA8051/M-X
Q2801
2SC3928A/QR/-X
R2804
8.2k
R2805
1.2k
R2806
10k
D2803
MA111-X
Q2802
2SC3928A/QR/-X
LB PRO
SWITCH
REGULATOR PWB ASS'Y
SRP-2005A-M2

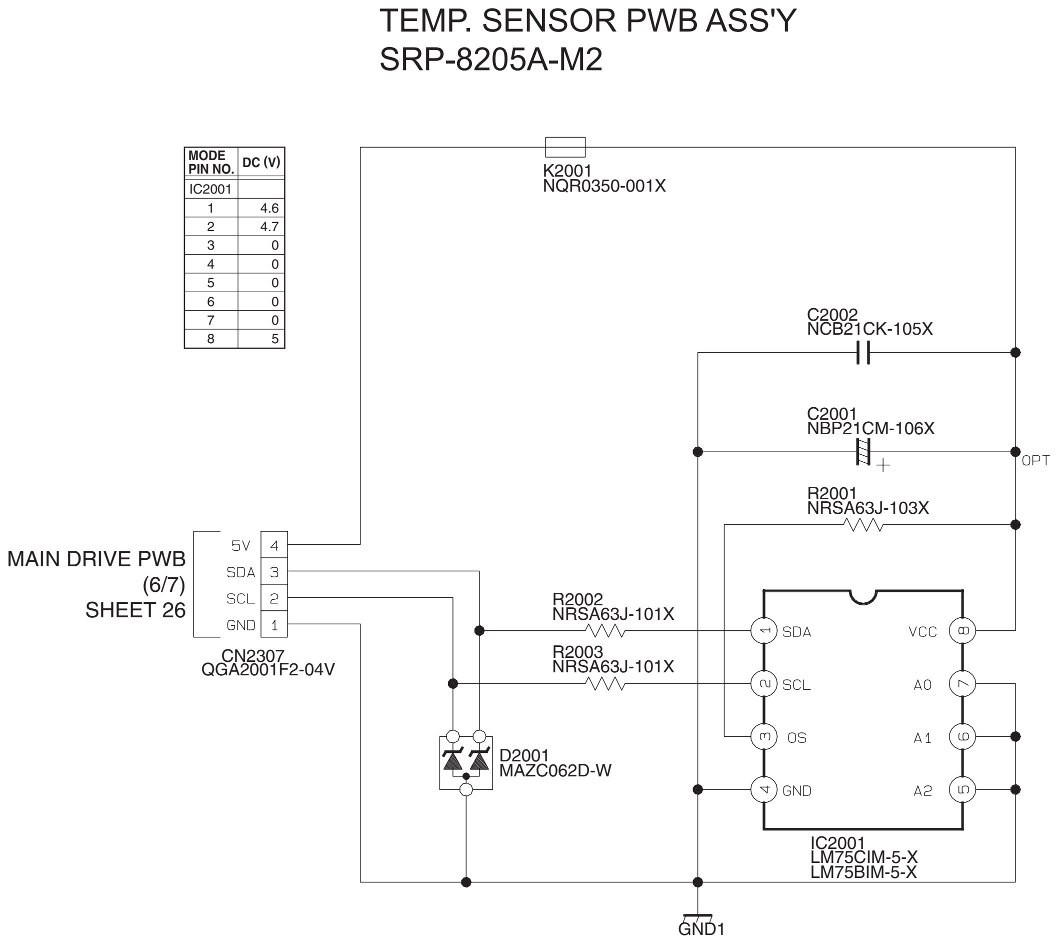
MODE PIN NO.	DC (V)
IC2001	
1	13.5
2	11.8
3	0
4	0
IC2101	
1	13.5
2	8.8
3	0
4	0
5	0
IC2201	
1	13.5
2	4.8
3	0
4	0
5	0
IC2701	
1	0
2	4.9
3	4.9
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	5
14	0
15	0
16	0
IC2702	
1	13.5
2	0
3	5
Q2801	
E	0
C	13.5
B	1.8
Q2802	
E	0
C	13.5
B	8.8

FAN CONTROL PWB ASS'Y
SRP-8105A-M2


R8009 OPT 1/2W
R8010 OPT 1/2W
R8007 100 1/2W
R8008 OPT 1/2W
IC8001
LM2941S-W
LM2941
ADJ
ON(L)
GND
IN
OUT
R8004
680
SAD
R8005
4.7K
SAD
UNP13V
C8001
47/16
C8002
0.1
PS
R8003
1.8K
SAD
UNP13V
DR-STB5V
MAIN DRIVE PWB
(7/7)
SHEET 27
+13V 7
+13V 6
STB+5V 5
FANCTL 4
FANLOCK 3
GND 2
GND 1
GND1
CN801
QGA2001C2-07V
R8001
10K
R8002
47K
Q8001
*TR1
R8006
1K
SAD
GND1
C8003
47/16
C8004
47/16
C8005
100P
CN802
QGA2001C2-03V
VCC
LOCK
GND
OP UNIT
COOLING FAN
IC8002
PQ20WZ11-X
PQ20WZ11-X
UNP13V
IN
ON(H)
OUT
ADJ
GND
C8008
10/16
C8009
0.1
PS
GND1
R8013
8.2K
R8016
2.2K
SAD
R8011
10K
R8012
47K
Q8002
*TR1
GND1
R8014
5.6K
SAD
R8015
560
C8010
47/16
C8011
100P
CN803
QGA2001C2-03V
VCC
LOCK
GND
LAMP
COOLING FAN
IC8003
PQ20WZ11-X
PQ20WZ11-X
UNP13V
IN
ON(H)
OUT
ADJ
GND
C8018
10/16
C8019
0.1
PS
GND1
R8023
4.7K
SAD
R8026
2K
SAD
R8021
10K
R8022
47K
Q8003
*TR1
GND1
R8024
4.7K
SAD
R8025
220
C8020
47/16
C8021
100P
CN804
QGA2001C2-04V
VCC
LOCK
GND
BALLAST UNIT
COOLING FAN
DR-STB5V
C8031
10/16
R8041
10K
ARY
VCC
GND
IC8005
SN74HC32NS-X
D8001
MAZC062D-W
GND1
R8042
100
ARY
D8002
MAZC062D-W
D8003
MAZC062D-W

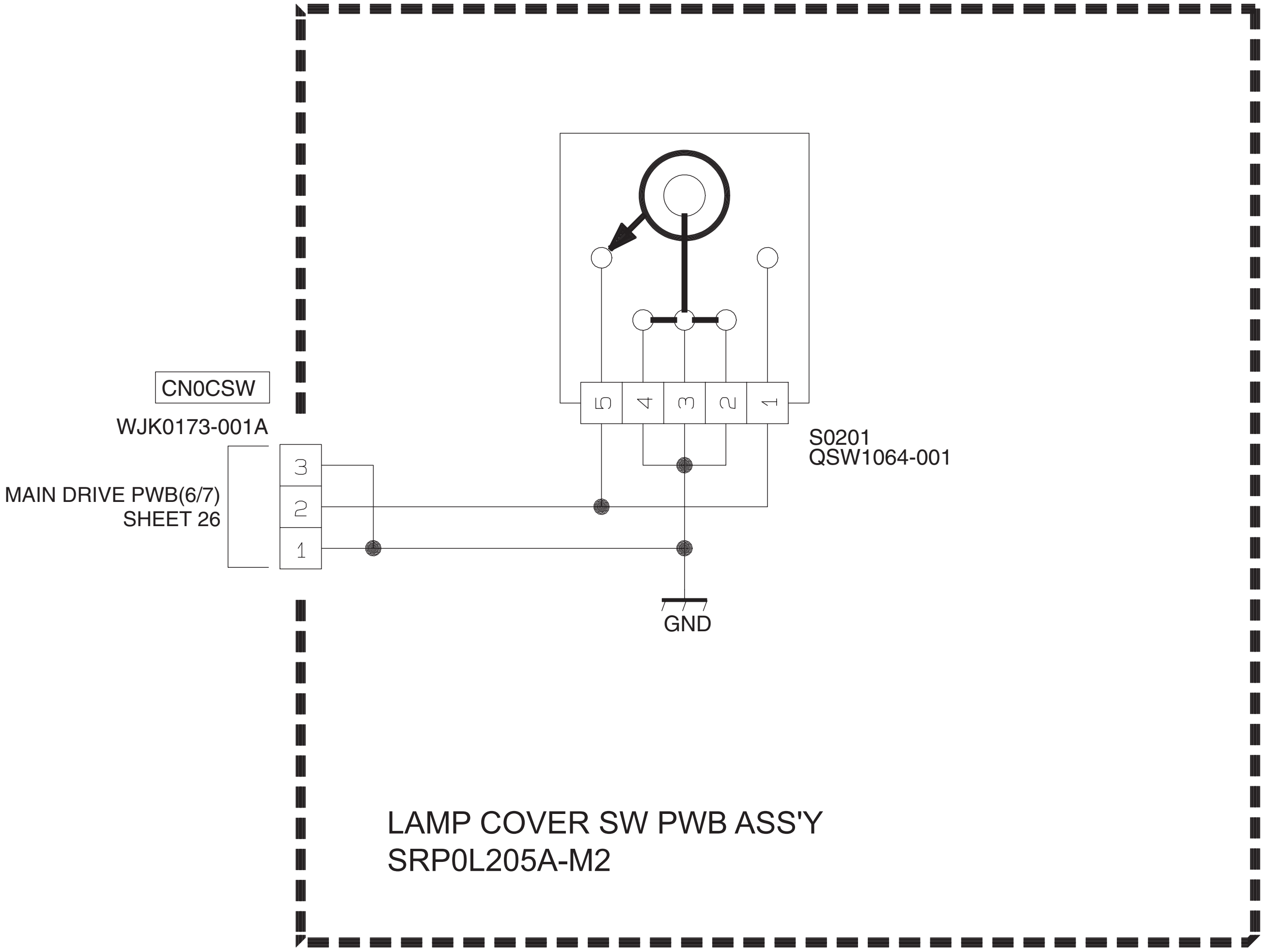
MODE PIN NO.	DC (V)
IC8001	
1	3.4
2	0
3	0
4	12.8
5	11.8
IC8002	
1	12.8
2	12.8
3	11.8
4	3.4
5	0
IC8003	
1	12.8
2	12.8
3	11.8
4	3.4
5	0
IC8005	
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	3.2
12	0
13	0
14	12.8
Q8001	
E	0
C	3.4
B	3.6
Q8002	
E	0
C	3.4
B	3.6
Q8003	
E	0
C	3.4
B	3.6

TEMP. SENSOR PWB CIRCUIT DIAGRAM SHEET 32

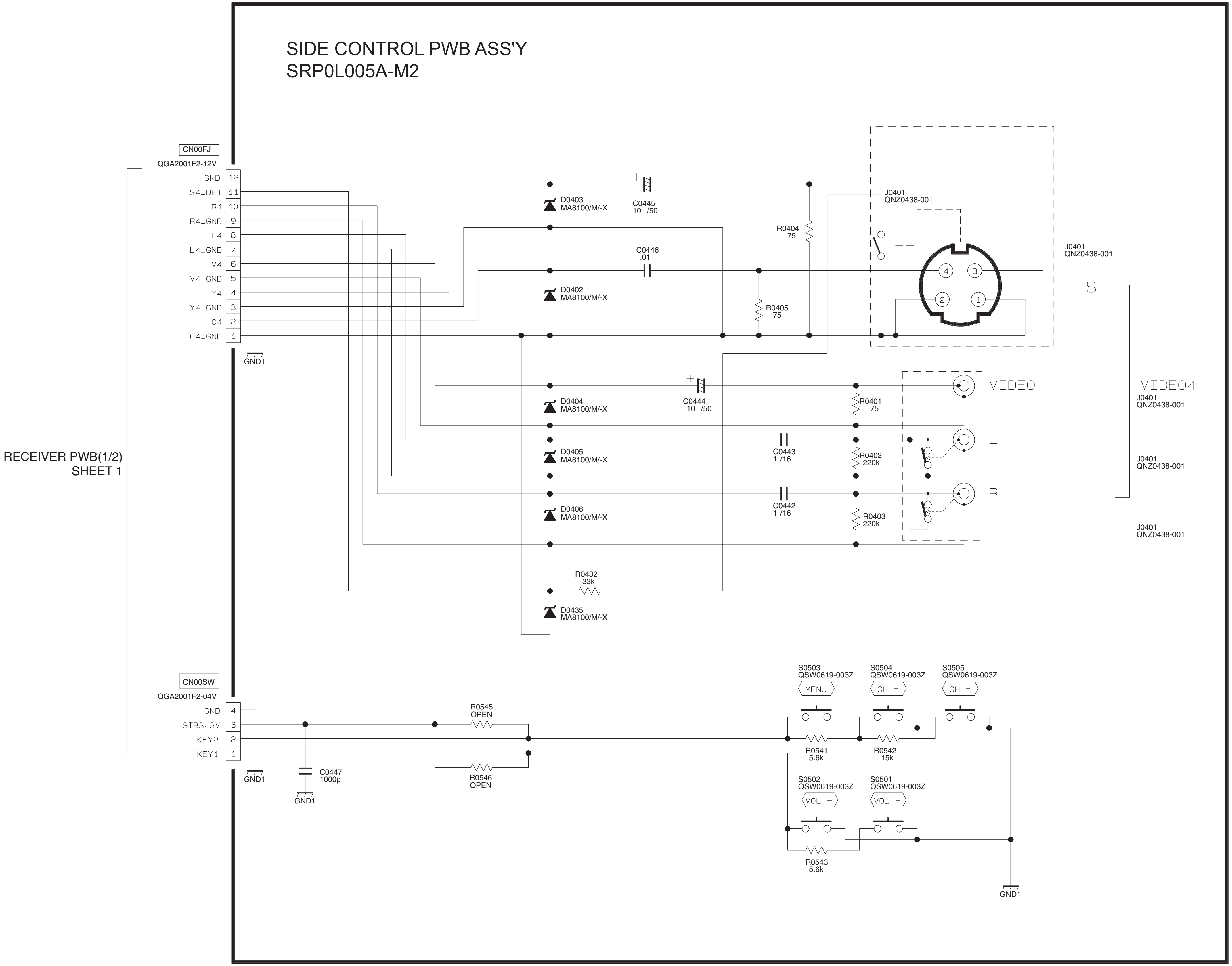

TEMP. SENSOR PWB ASS'Y
SRP-8205A-M2
K2001
NQR0350-001X
C2002
NCB21CK-105X
C2001
NBP21CM-106X
OPT
R2001
NRSA63J-103X
MAIN DRIVE PWB
(6/7)
SHEET 26
5V
SDA
SCL
GND
4
3
2
1
CN2307
QGA2001F2-04V
R2002
NRSA63J-101X
R2003
NRSA63J-101X
SDA
SCL
OS
GND
VCC
A0
A1
A2
D2001
MAZC062D-W
IC2001
LM75CIM-5-X
LM75BIM-5-X
GND1

MODE PIN NO.	DC (V)
IC2001	
1	4.6
2	4.7
3	0
4	0
5	0
6	0
7	0
8	5

LAMP COVER SW PWB CIRCUIT DIAGRAM SHEET 32

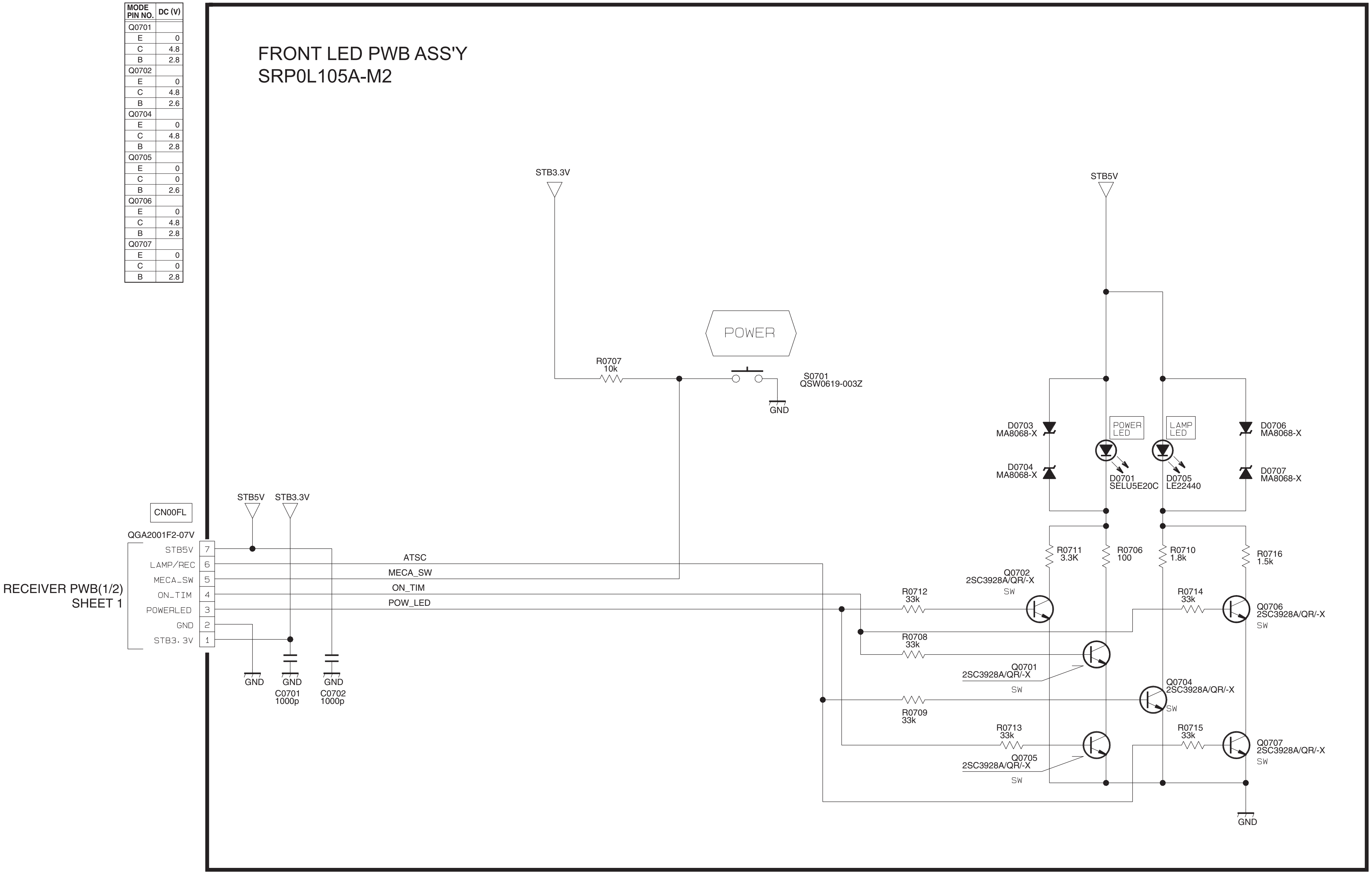

CN0CSW
WJK0173-001A
MAIN DRIVE PWB(6/7)
SHEET 26
3
2
1
5
4
3
2
1
S0201
QSW1064-001
GND
LAMP COVER SW PWB ASS'Y
SRP0L205A-M2

SIDE CONTROL PWB CIRCUIT DIAGRAM SHEET 33


SIDE CONTROL PWB ASS'Y
SRP0L005A-M2
CN00FJ
QGA2001F2-12V
GND 12
S4_DET 11
R4 10
R4_GND 9
L4 8
L4_GND 7
V4 6
V4_GND 5
Y4 4
Y4_GND 3
C4 2
C4_GND 1
GND1
RECEIVER PWB(1/2)
SHEET 1
D0403
MA8100/M/-X
C0445
10 /50
D0402
MA8100/M/-X
C0446
.01
R0404
75
R0405
75
J0401
QNZ0438-001
J0401
QNZ0438-001
S
D0404
MA8100/M/-X
C0444
10 /50
R0401
75
VIDEO
VIDEO4
J0401
QNZ0438-001
D0405
MA8100/M/-X
C0443
1 /16
R0402
220k
L
J0401
QNZ0438-001
D0406
MA8100/M/-X
C0442
1 /16
R0403
220k
R
J0401
QNZ0438-001
R0432
33k
D0435
MA8100/M/-X
CN00SW
QGA2001F2-04V
GND 4
STB3.3V 3
KEY2 2
KEY1 1
GND1
C0447
1000p
GND1
R0545
OPEN
R0546
OPEN
S0503
QSW0619-003Z
MENU
S0504
QSW0619-003Z
CH +
S0505
QSW0619-003Z
CH −
R0541
5.6k
R0542
15k
S0502
QSW0619-003Z
VOL −
S0501
QSW0619-003Z
VOL +
R0543
5.6k
GND1

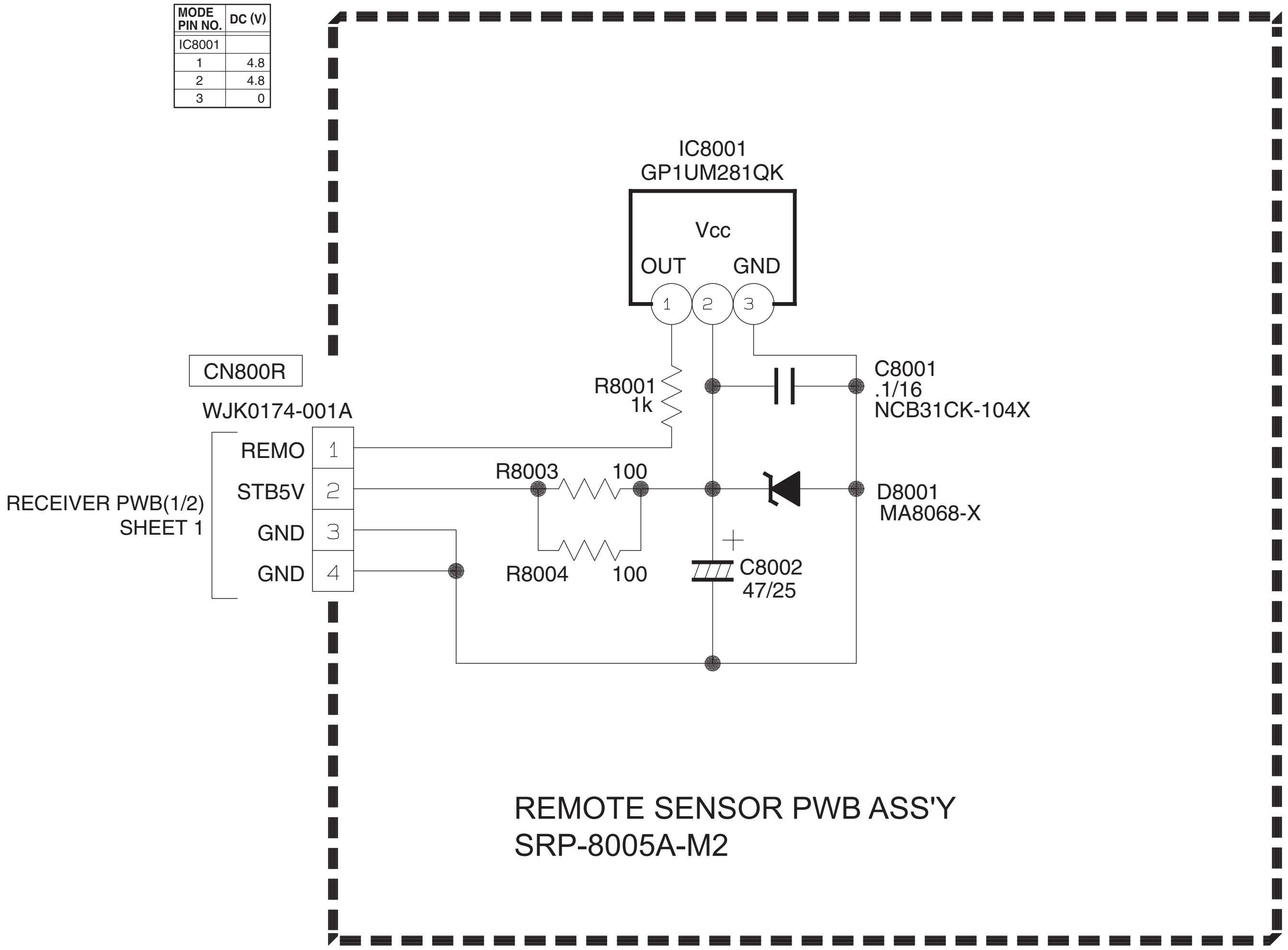
FRONT LED PWB CIRCUIT DIAGRAM SHEET 34

MODE PIN NO.	DC (V)
Q0701	
E	0
C	4.8
B	2.8
Q0702	
E	0
C	4.8
B	2.6
Q0704	
E	0
C	4.8
B	2.8
Q0705	
E	0
C	0
B	2.6
Q0706	
E	0
C	4.8
B	2.8
Q0707	
E	0
C	0
B	2.8


FRONT LED PWB ASS'Y
SRP0L105A-M2
STB3.3V
STB5V
POWER
R0707
10k
S0701
QSW0619-003Z
GND
D0703
MA8068-X
D0704
MA8068-X
POWER LED
LAMP LED
D0701
SELU5E20C
D0705
LE22440
D0706
MA8068-X
D0707
MA8068-X
CN00FL
QGA2001F2-07V
RECEIVER PWB(1/2)
SHEET 1
STB5V 7
LAMP/REC 6
MECA_SW 5
ON_TIM 4
POWERLED 3
GND 2
STB3.3V 1
ATSC
MECA_SW
ON_TIM
POW_LED
C0701
1000p
C0702
1000p
R0711
3.3K
R0706
100
R0710
1.8k
R0716
1.5k
Q0702
2SC3928A/QR/-X
SW
R0712
33k
R0714
33k
Q0706
2SC3928A/QR/-X
SW
R0708
33k
Q0701
2SC3928A/QR/-X
SW
Q0704
2SC3928A/QR/-X
SW
R0709
33k
R0713
33k
R0715
33k
Q0705
2SC3928A/QR/-X
SW
Q0707
2SC3928A/QR/-X
SW
GND

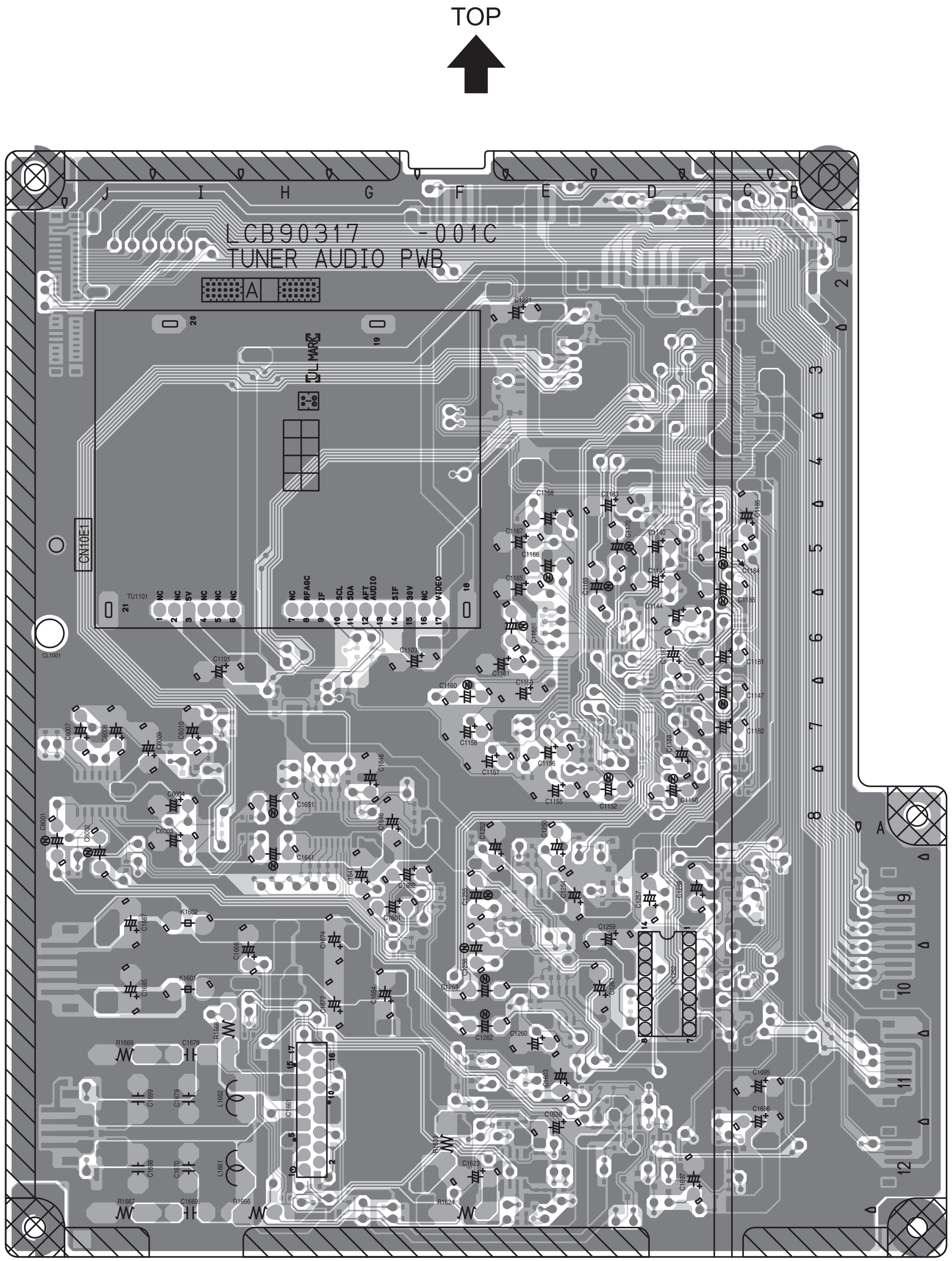
REMOTE SENSOR PWB CIRCUIT DIAGRAM SHEET 35

MODE PIN NO.	DC (V)
IC8001	
1	4.8
2	4.8
3	0

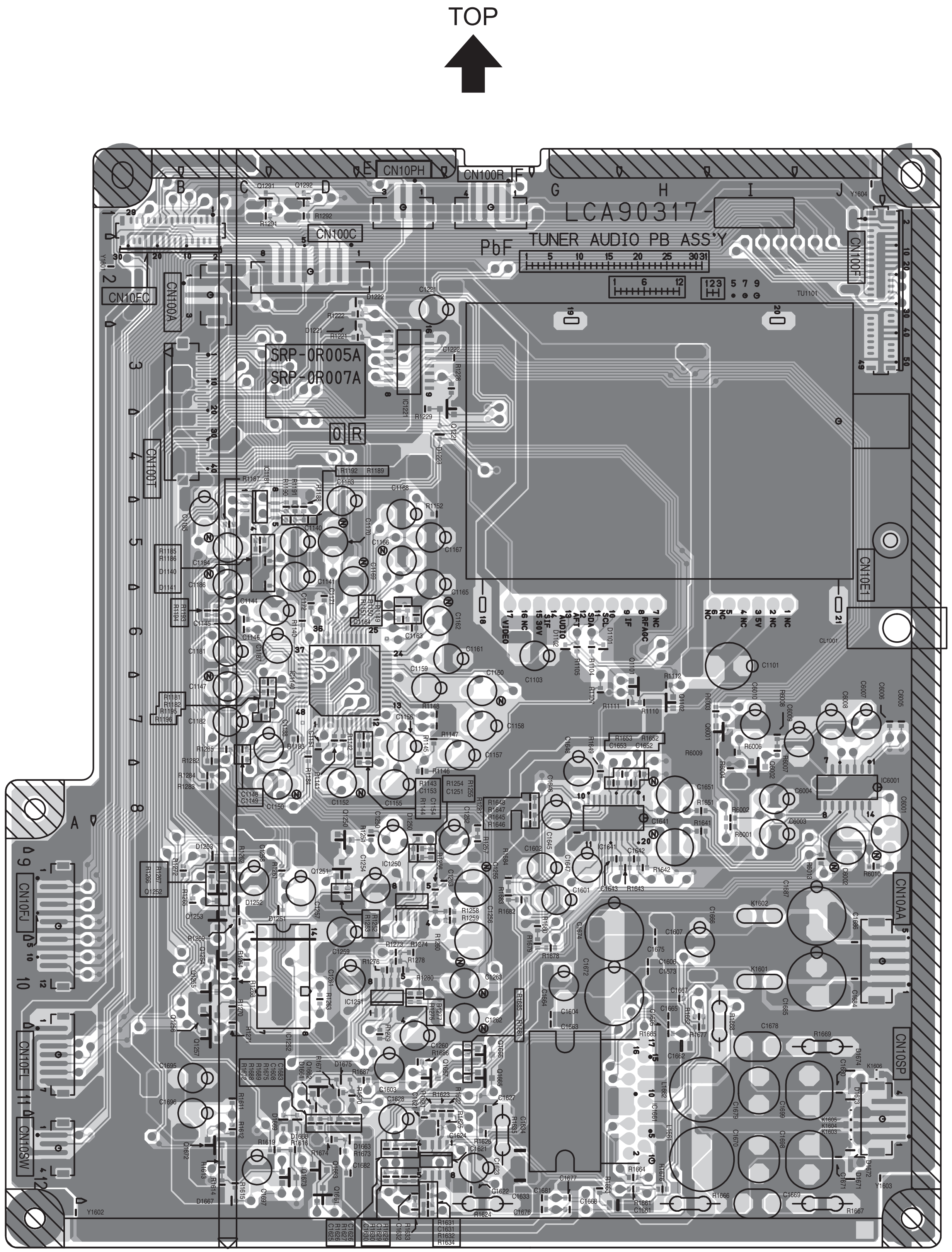

IC8001
GP1UM281QK
Vcc
OUT
GND
1
2
3
R8001
1k
C8001
.1/16
NCB31CK-104X
CN800R
WJK0174-001A
REMO
STB5V
GND
GND
1
2
3
4
RECEIVER PWB(1/2)
SHEET 1
R8003
100
R8004
100
C8002
47/25
D8001
MA8068-X
REMOTE SENSOR PWB ASS'Y
SRP-8005A-M2

PATTERN DIAGRAMS

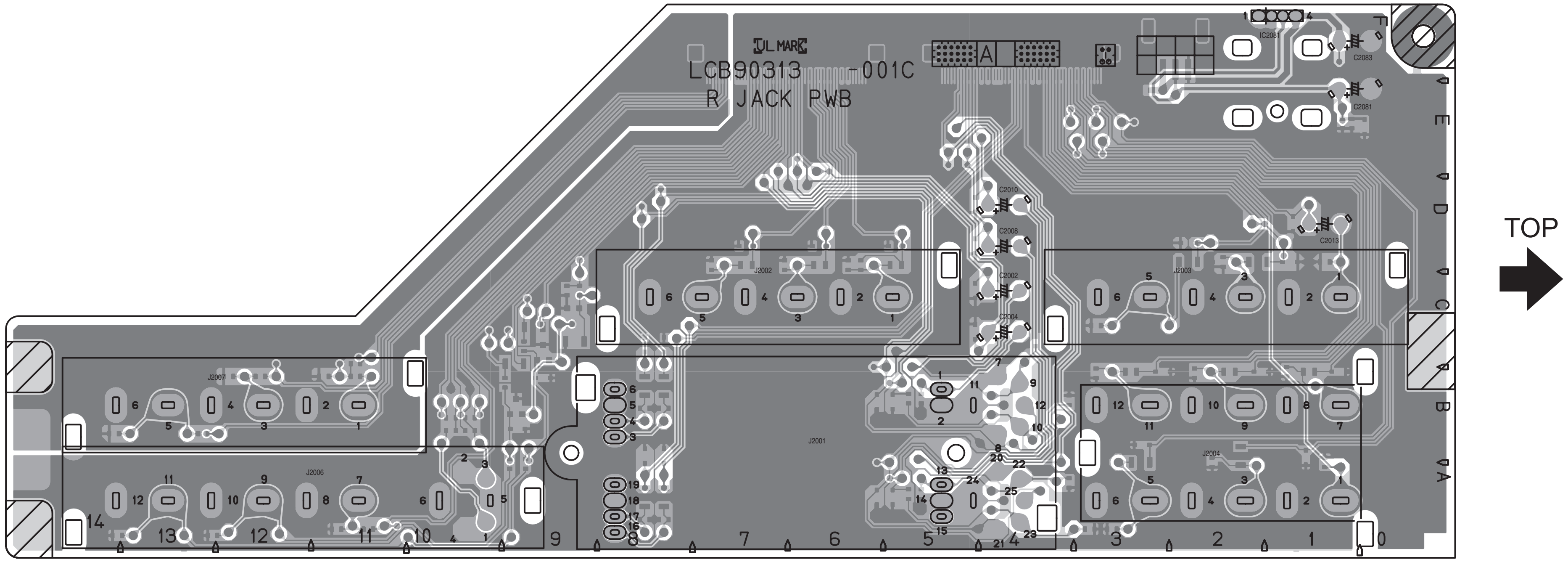
RECEIVER PWB PATTERN [SOLDER SIDE]


TOP
LCB90317 -001C
TUNER AUDIO PWB
CN10E1
TU1101

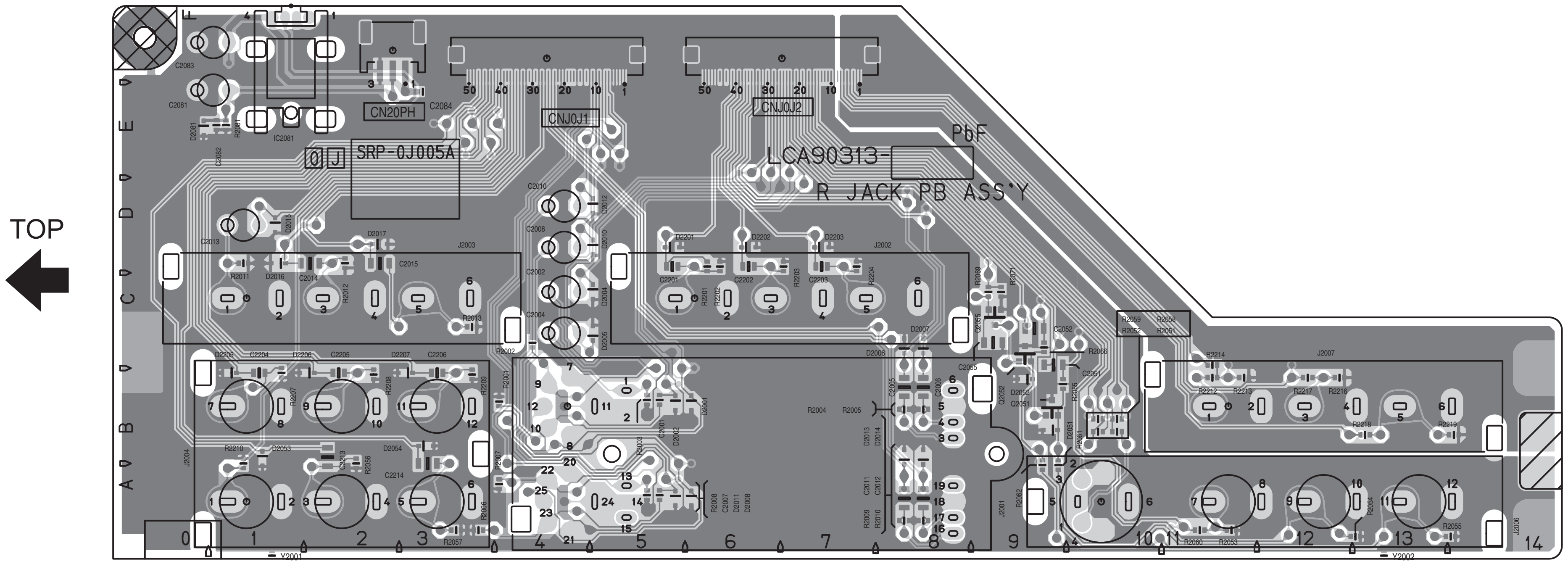
RECEIVER PWB PATTERN [PARTS SIDE]


TOP
LCA90317-
TUNER AUDIO PB ASS'Y
PbF
CN10PH
CN100R
CN100C
CN10EC
CN100A
CN100T
SRP-0R005A
SRP-0R007A
CN10E1
CN10FJ
CN10FL
CN10SW
CN10AA
CN10SP
TU1101

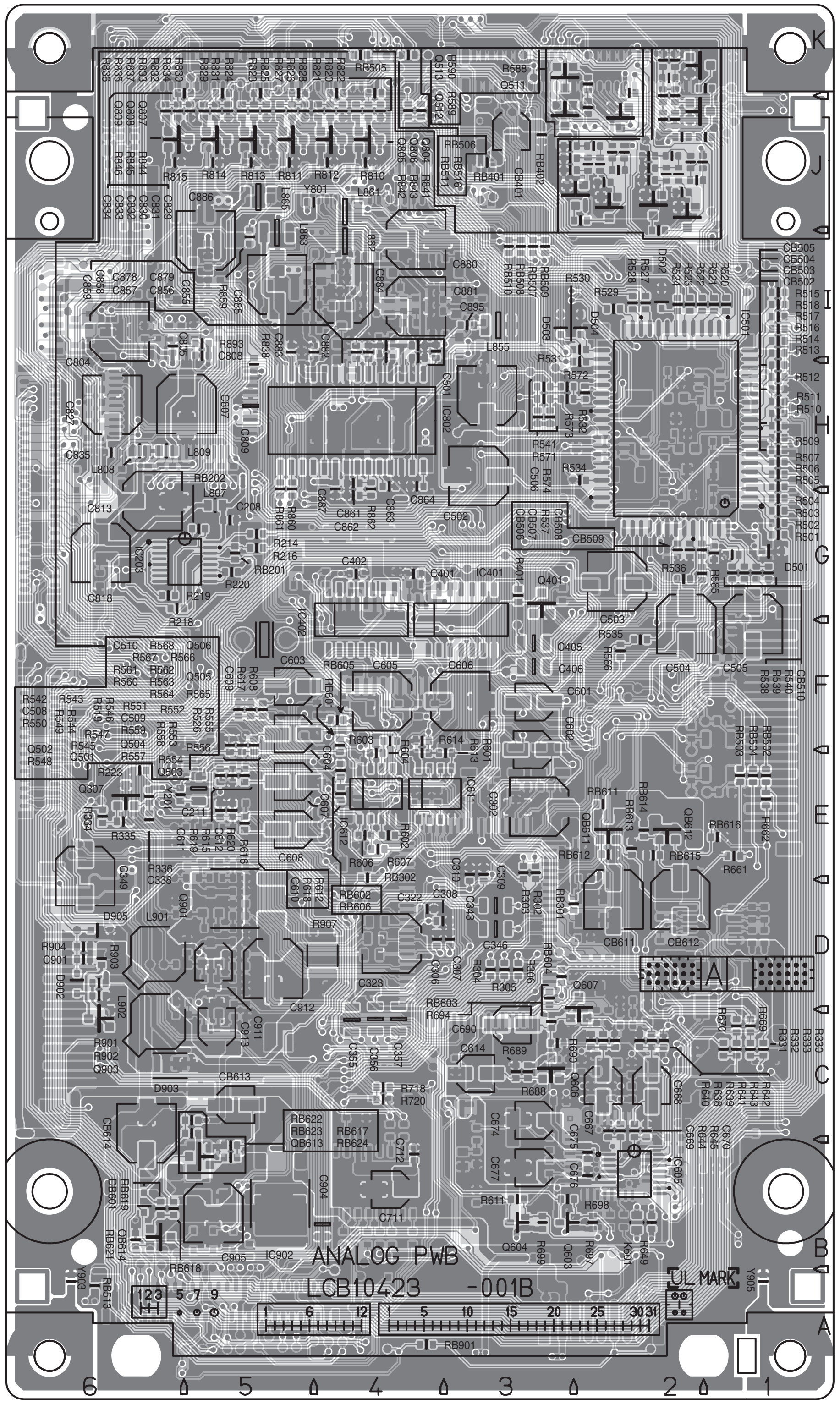
REAR JACK PWB PATTERN [SOLDER SIDE]


LCB90313 -001C
R JACK PWB
J2001
J2002
J2003
J2004
J2006
J2007
TOP

REAR JACK PWB PATTERN [PARTS SIDE]

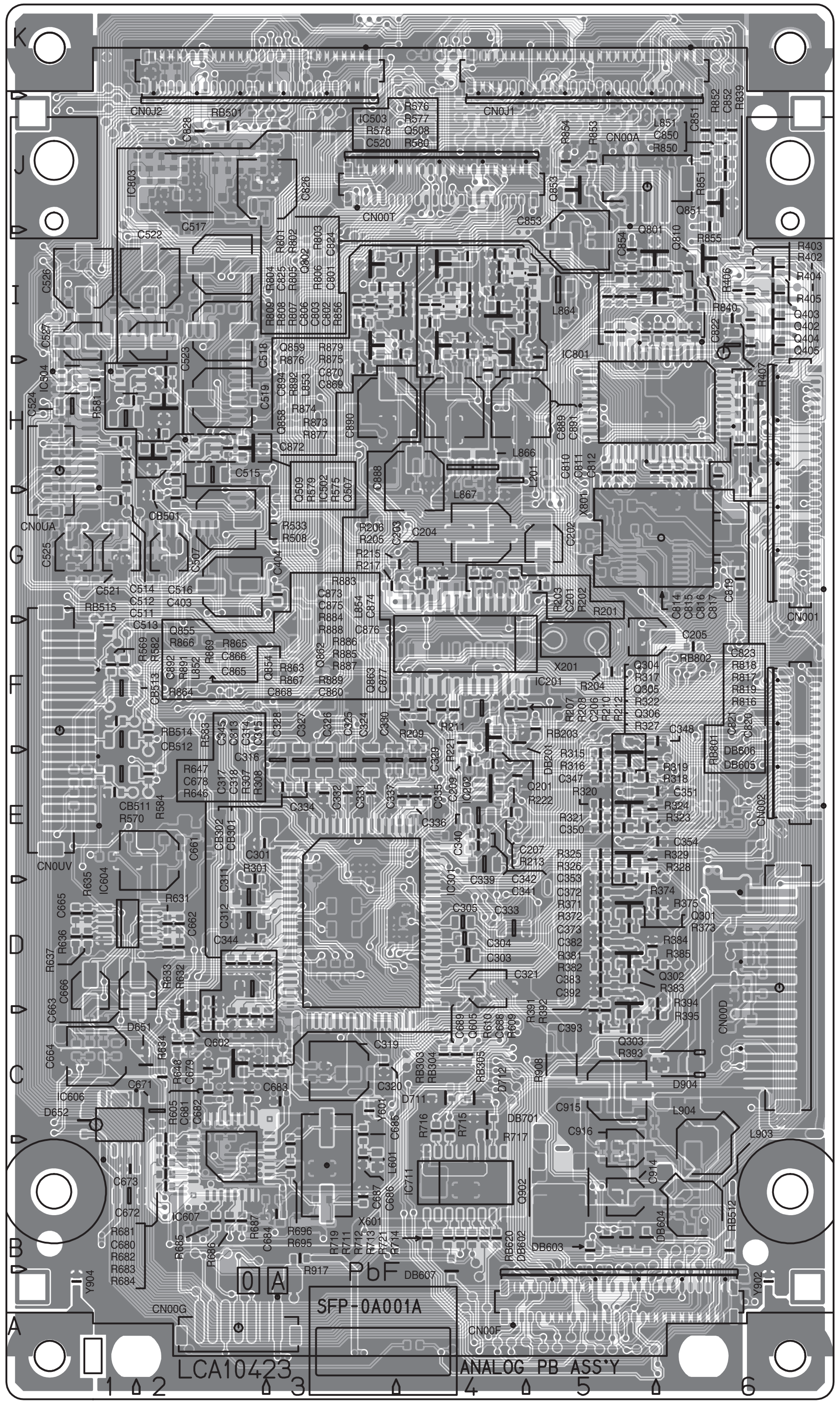

TOP
CN20PH
CNJ0J1
CNJ0J2
SRP-0J005A
0J
LCA90313
PbF
R JACK PB ASS'Y
J2001
J2002
J2003
J2007
IC2081
Y2001
Y2002

ANALOG SIGNAL PWB PATTERN [SOLDER SIDE]


ANALOG PWB
LCB10423 -001B
UL MARK
K
J
I
H
G
F
E
D
C
B
A
6
5
4
3
2
1

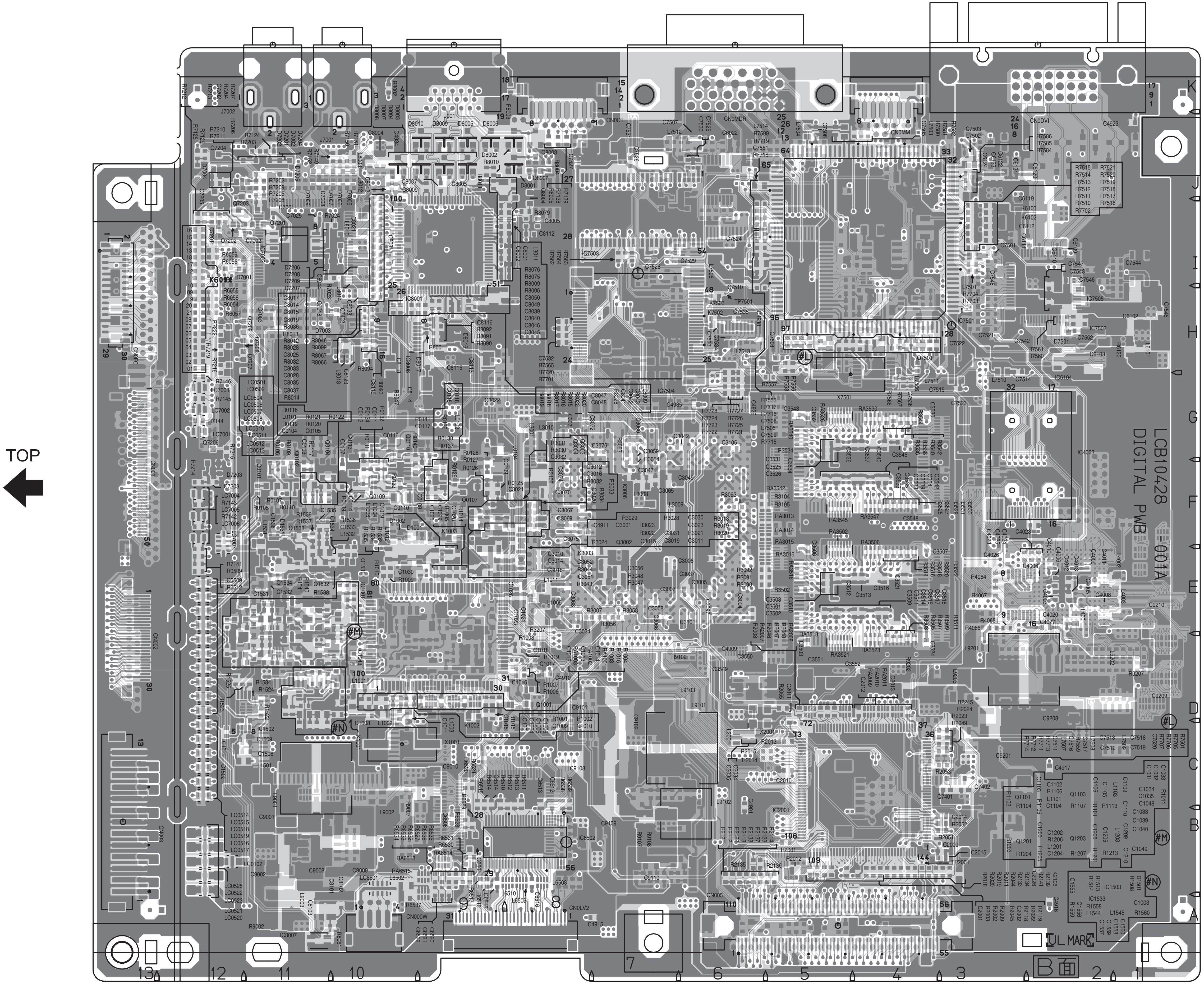
TOP

ANALOG SIGNAL PWB PATTERN [PARTS SIDE]

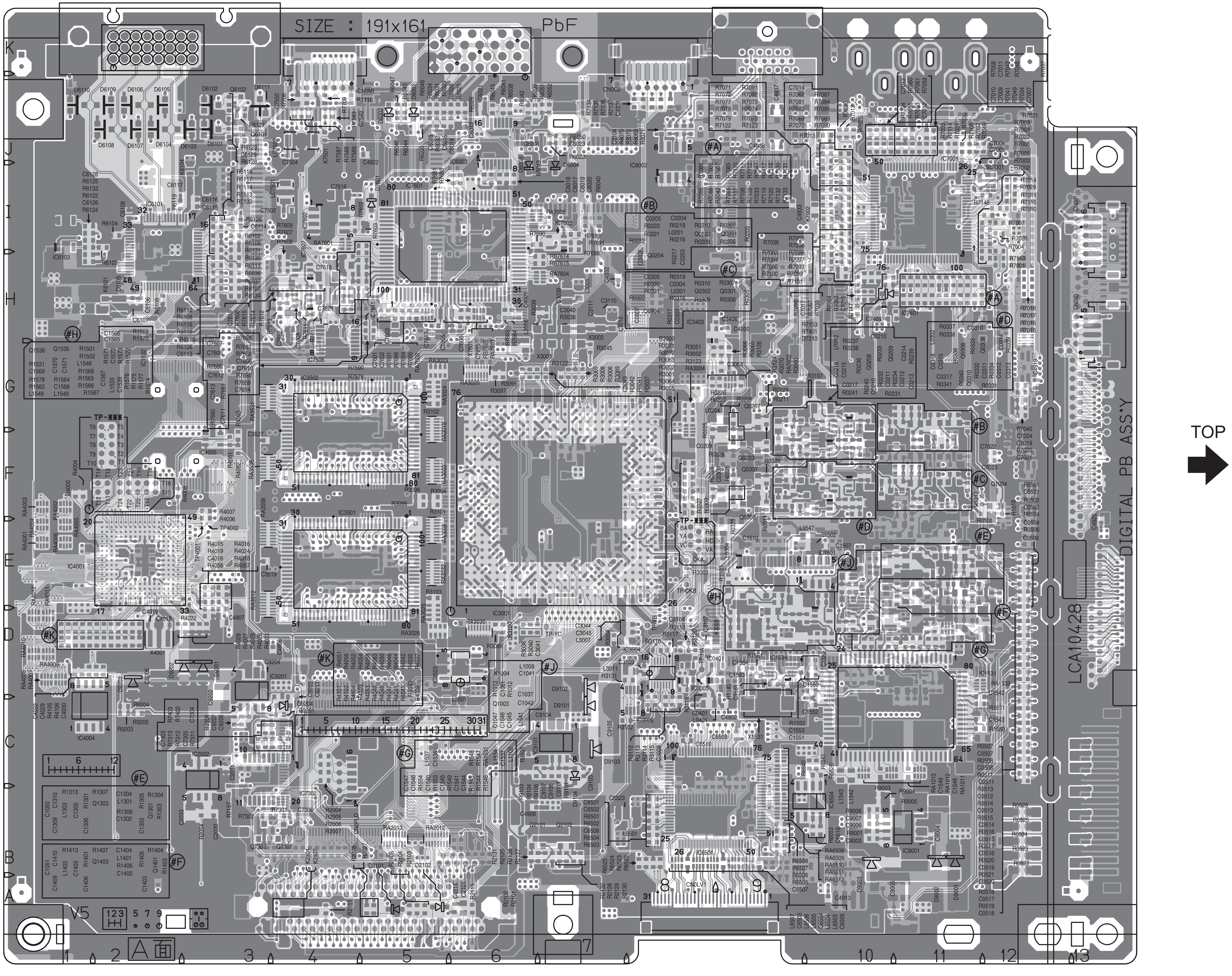

LCA10423
SFP-0A001A
ANALOG PB ASS'Y
PbF
0A
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6

TOP

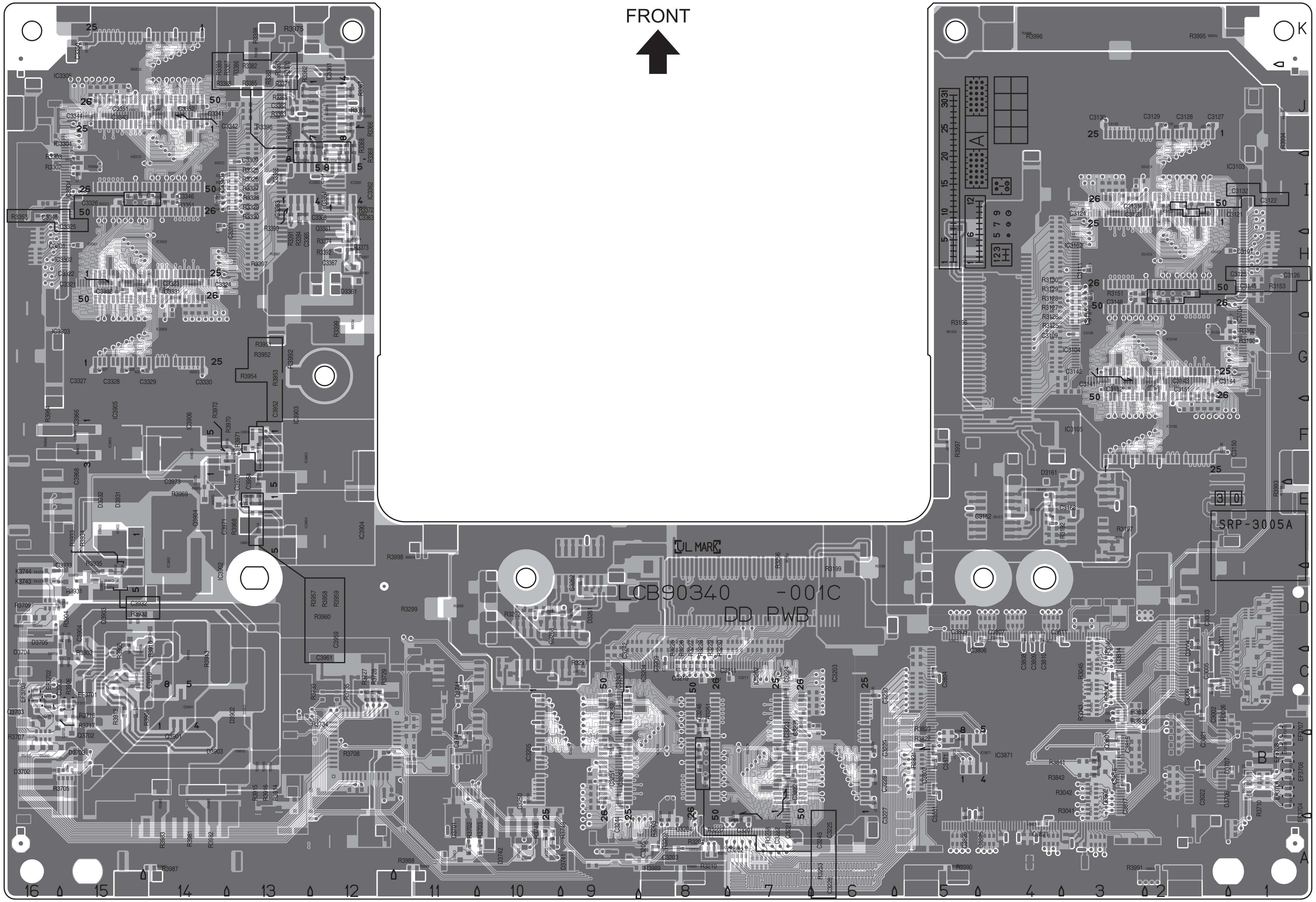
DIGITAL SIGNAL PWB PATTERN [SOLDER SIDE]


TOP
LCB10428
DIGITAL PWB -001A
K
J
I
H
G
F
E
D
C
B
A
13
12
11
10
7
6
5
4
3
2
1
UL MARK
B面
CN0DVI
CN0MDR
CN0MM
CN001
CN002
CN003
CN005
CN000W
CN0LV2
IC2001
IC4003
IC1503
IC6502
IC7504
IC7501
IC7502
IC7505
IC8001
IC8007
X1001
X2001
X7501
L9101
L9103
#L
#M
#N

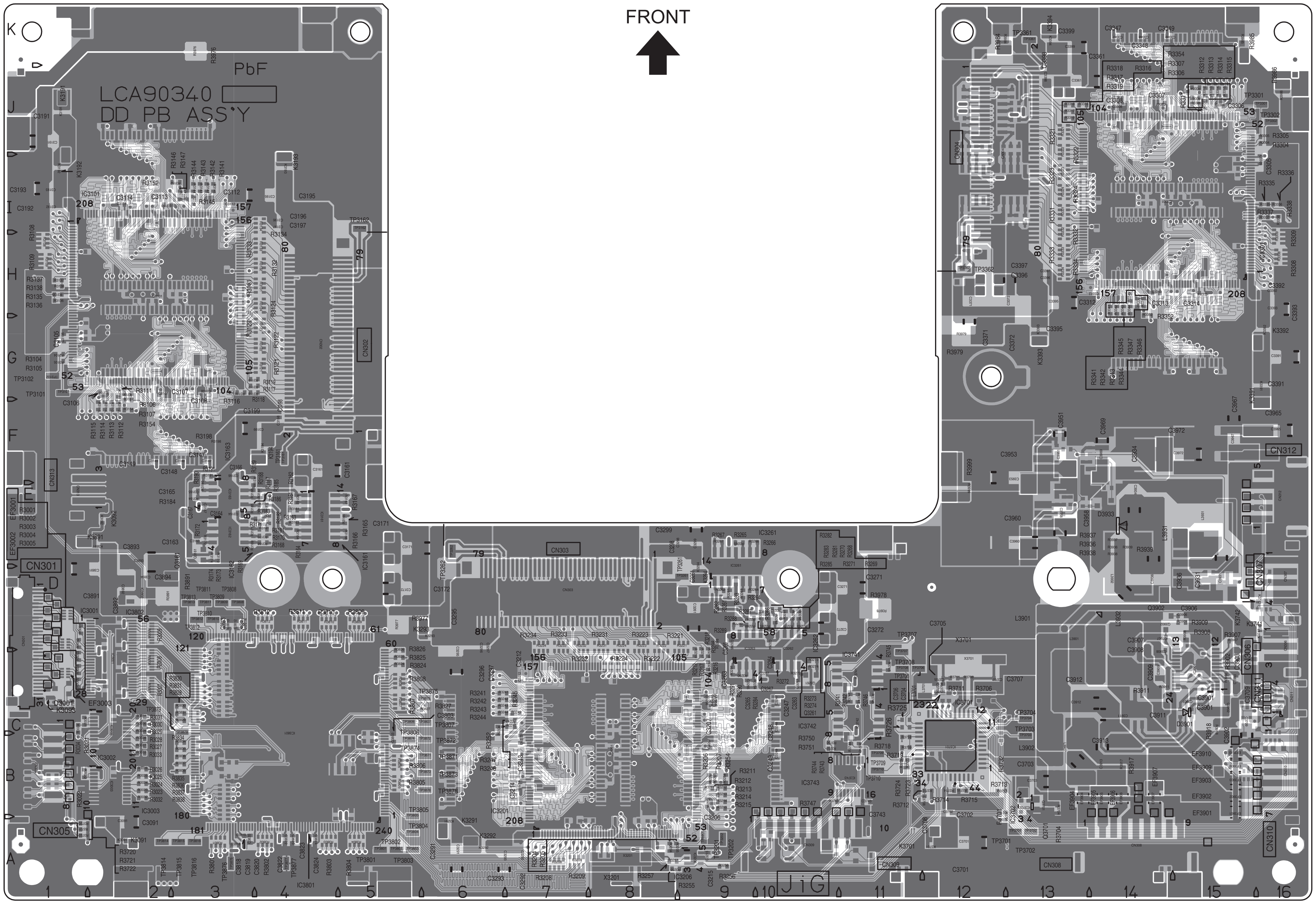
DIGITAL SIGNAL PWB PATTERN [PARTS SIDE]


SIZE : 191x161
PbF
DIGITAL PB ASS'Y
LCA10428
TOP
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
10
11
12
13
IC3001
IC3501
IC4001
IC6501
IC8002

MAIN DRIVE PWB PATTERN [SOLDER SIDE]


FRONT
LCB90340 -001C
DD PWB
UL MARK
SRP-3005A
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
J
K

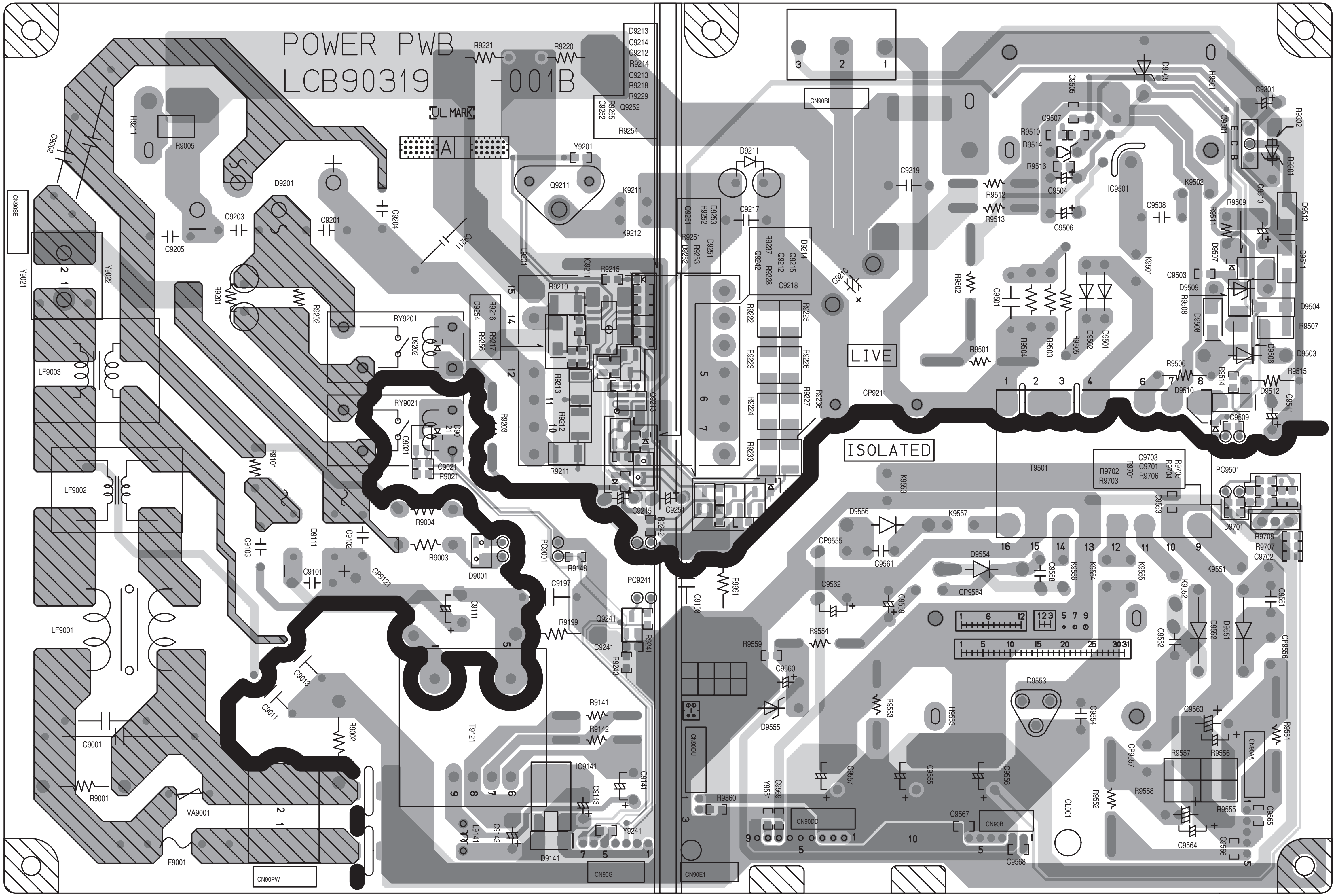
MAIN DRIVE PWB PATTERN [PARTS SIDE]


FRONT
LCA90340
DD PB ASS'Y
PbF
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
CN301
CN302
CN303
CN305
CN306
CN307
CN308
CN310
CN312
CN313
IC3001
IC3002
IC3003
IC3201
IC3261
IC3742
IC3743
IC3801
X3201
X3701
L3901
L3902
EF3001
EF3002
EF3003
EF3901
EF3902
EF3903
EF3909
EF3910
JiG

POWER PWB PATTERN [SOLDER SIDE]

TOP

CAUTION :
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH SAME TYPE AND RATED FUSE(S)
AND ROHM'S MFR'S TYPE CP(S).

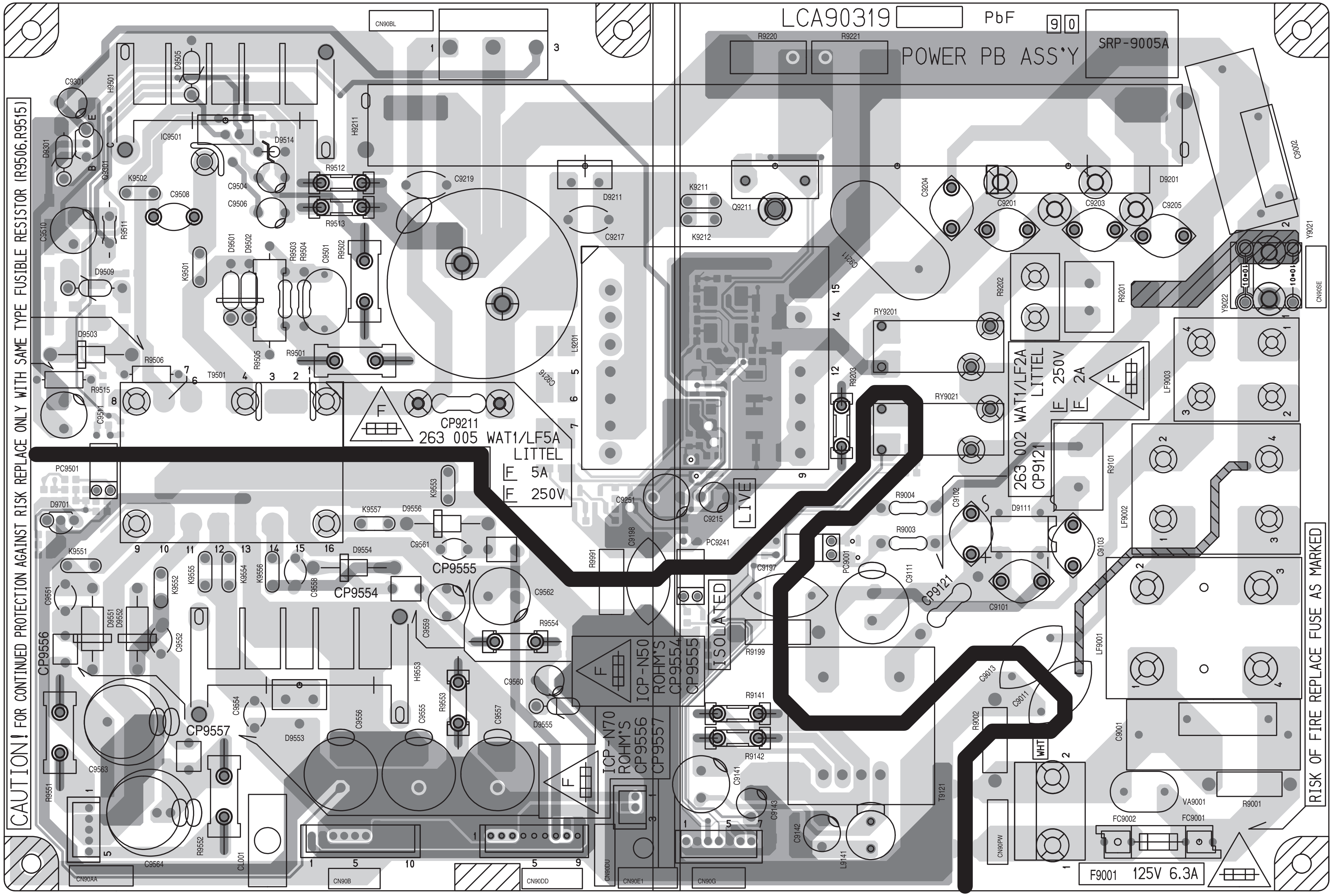


POWER PWB
LCB90319 -001B
UL MARK
A
LIVE
ISOLATED
CN90BL
CN90SE
CN90PW
CN90G
CN90E1
CN90DD
CN90B
CN90DU
CN90A
LF9001
LF9002
LF9003
F9001
VA9001
R9001
C9001
C9002
Y9021
Y9022
H9211
R9005
R9201
R9202
RY9201
RY9021
D9201
D9202
C9201
C9203
C9204
C9205
R9221
R9220
Q9211
Y9201
K9211
K9212
D9211
C9211
C9217
C9219
R9101
R9004
R9003
D9001
D9111
C9101
C9102
C9103
C9111
CP9121
C9011
C9013
R9002
T9121
IC9141
D9141
R9141
R9142
C9141
C9142
C9143
L9141
Y9241
PC9001
PC9241
C9197
C9198
R9199
R9148
Q9241
C9241
R9241
R9243
R9991
CP9211
IC9501
T9501
PC9501
CP9555
CP9554
CP9556
D9505
D9501
D9502
D9503
D9504
D9506
D9507
D9508
D9509
D9510
D9511
D9512
D9513
D9514
D9551
D9552
D9553
D9554
D9555
D9556
D9701
R9501
R9502
R9503
R9504
R9505
R9506
R9507
R9509
R9510
R9511
R9512
R9513
R9514
R9515
R9516
R9551
R9552
R9553
R9554
R9555
R9556
R9557
R9558
R9559
R9560
C9501
C9503
C9504
C9505
C9506
C9507
C9508
C9509
C9510
C9511
C9551
C9552
C9553
C9554
C9555
C9556
C9557
C9558
C9559
C9560
C9561
C9562
C9563
C9564
C9565
C9566
C9567
C9568
C9569
C9301
R9302
Q9301
D9301
H9501
K9501
K9502
K9551
K9552
K9553
K9554
K9555
K9556
K9557
Y9551
CL001
C9701
C9702
C9703
R9701
R9702
R9703
R9704
R9705
R9706
R9707
R9708

POWER PWB PATTERN [PART SIDE]

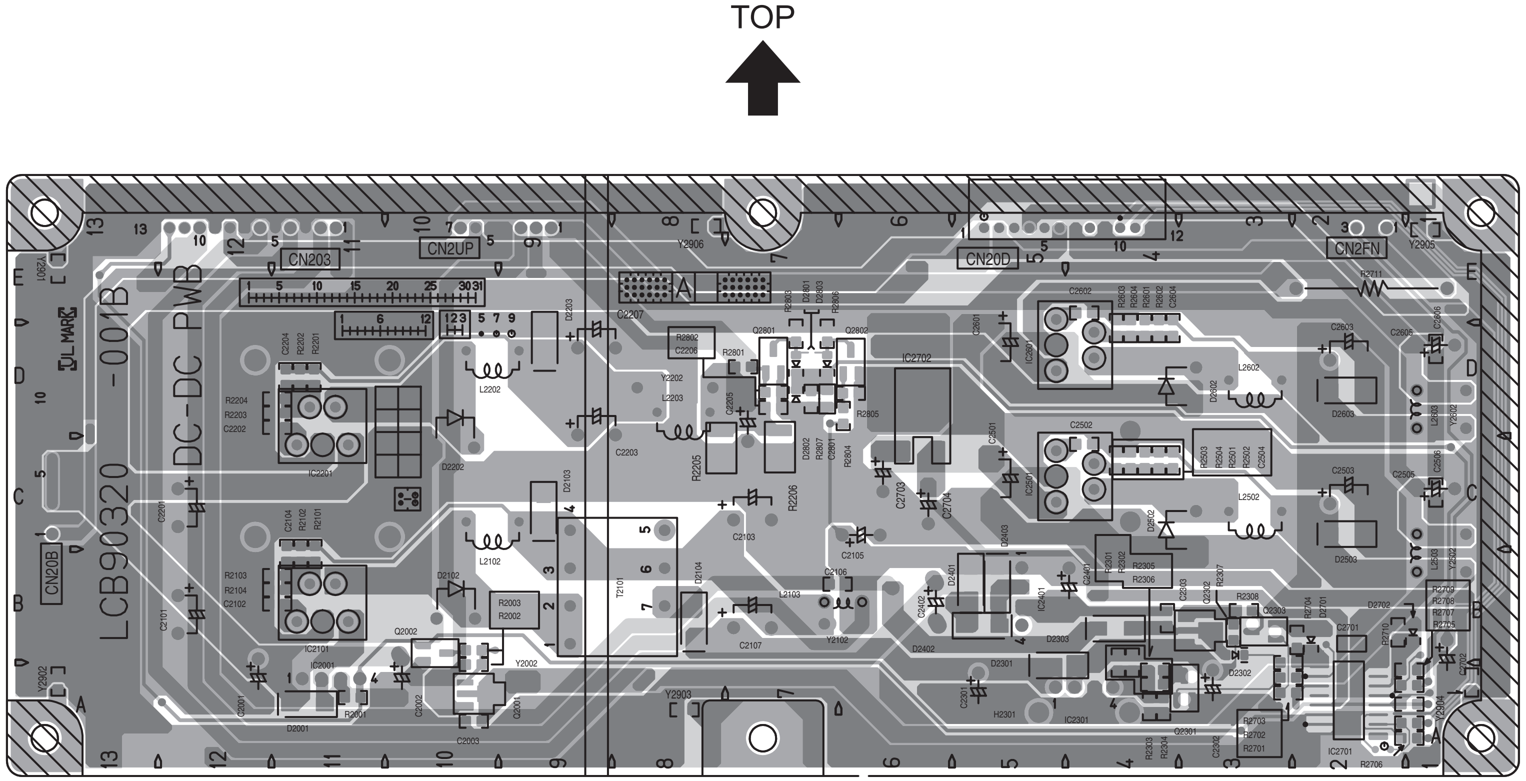
TOP

CAUTION :
FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH SAME TYPE AND RATED FUSE(S)
AND ROHM'S MFR'S TYPE CP(S).

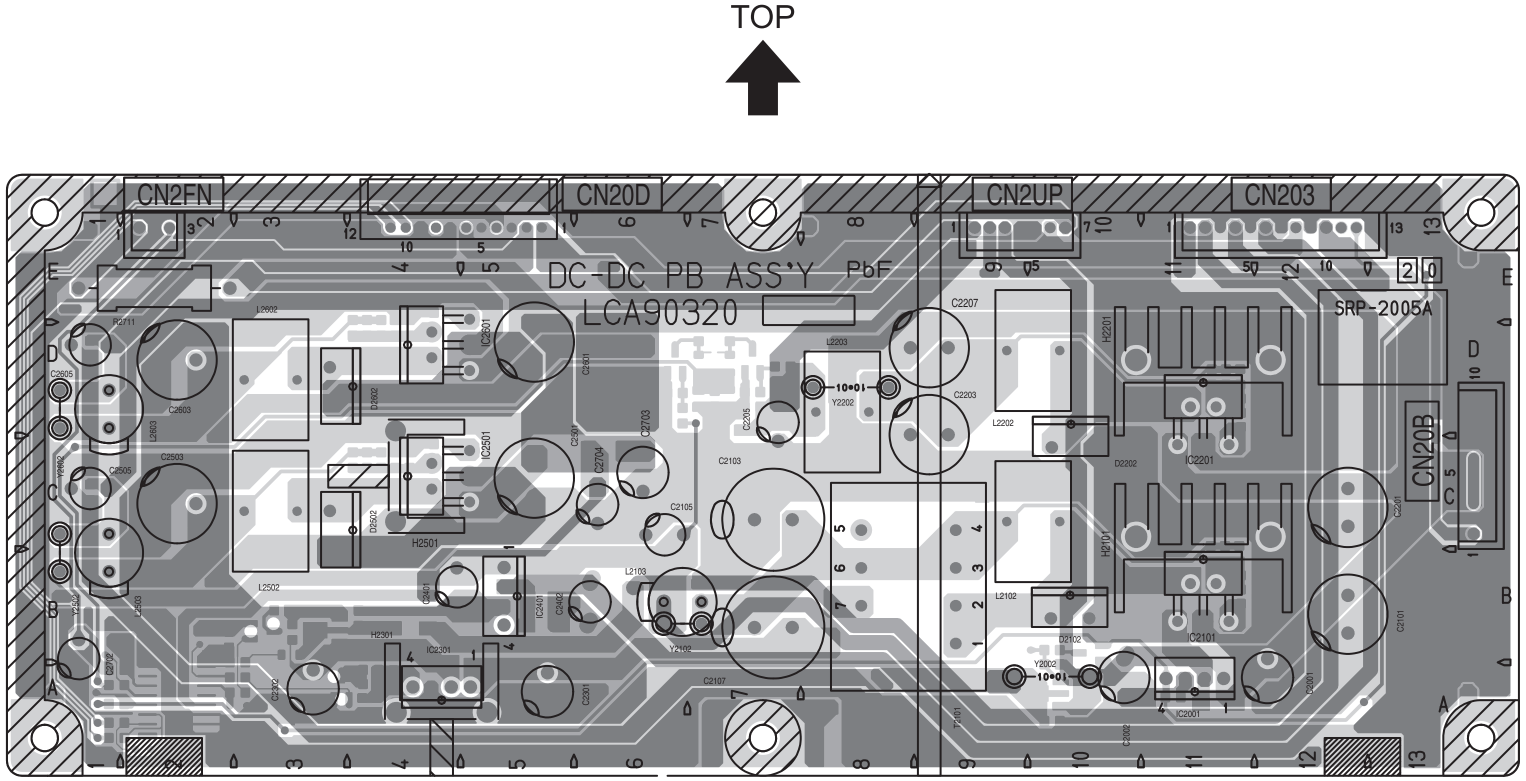


LCA90319
PbF
9 0
SRP-9005A
POWER PB ASS'Y
CAUTION! FOR CONTINUED PROTECTION AGAINST RISK REPLACE ONLY WITH SAME TYPE FUSIBLE RESISTOR (R9506,R9515)
RISK OF FIRE REPLACE FUSE AS MARKED
CP9211
263 005 WAT1/LF5A
LITTEL
F 5A
F 250V
263 002 WAT1/LF2A
CP9121
LITTEL
F 250V
F 2A
ICP-N50
ROHM'S
CP9554
CP9555
ICP-N70
ROHM'S
CP9556
CP9557
ISOLATED
LIVE
F9001 125V 6.3A
CP9554
CP9555
CP9556
CP9557
CN90BL
CN90AA
CN90B
CN90DD
CN90DU
CN90E1
CN90G
CN90PW
CN90SE
T9501
T9121
IC9501
Q9211
Q9301
PC9501
PC9001
PC9241
RY9201
RY9021
LF9001
LF9002
LF9003
L9201
L9141
VA9001
FC9001
FC9002
Y9021
Y9022
WHT

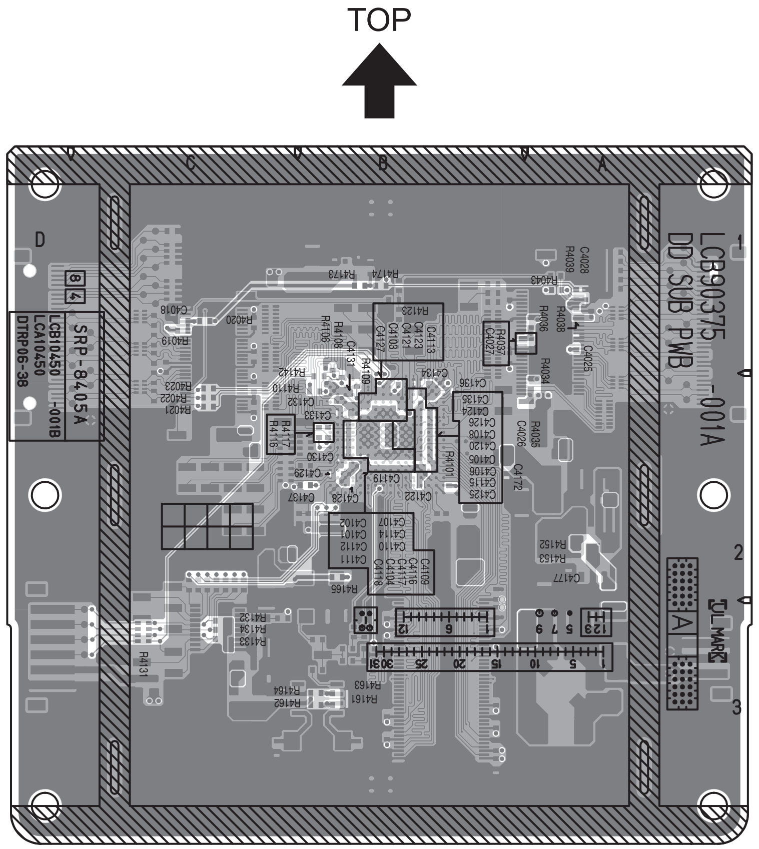
REGULATOR PWB PATTERN [SOLDER SIDE]


TOP
CN203
CN2UP
CN20D
CN2FN
CN20B
LCB90320 -001B
DC-DC PWB
T2101

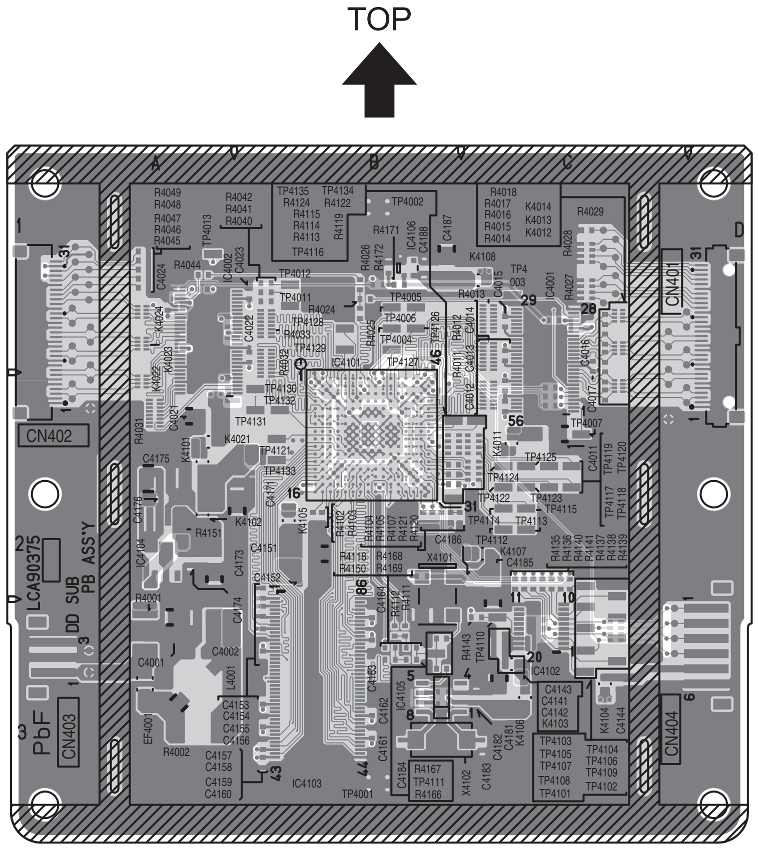
REGULATOR PWB PATTERN [PARTS SIDE]


TOP
CN2FN
CN20D
CN2UP
CN203
CN20B
DC-DC PB ASS'Y PbF
LCA90320
SRP-2005A

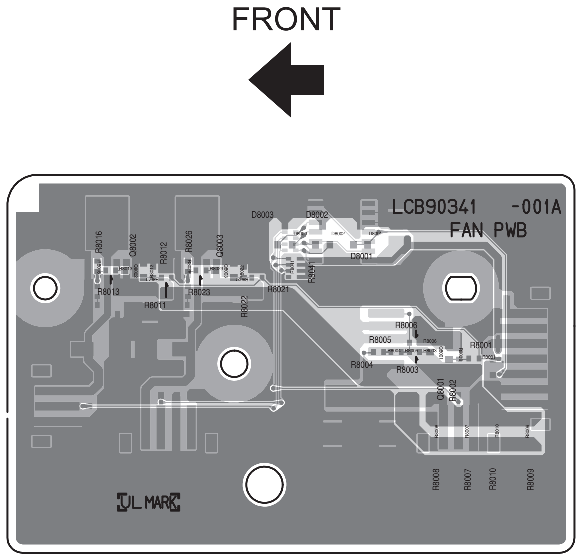
SUB DRIVE PWB PATTERN [SOLDER SIDE]


TOP
LCB90375 -001A
DD SUB PWB
SRP-8405A
LCB10450 -001B
LCA10450
DTRP06-38

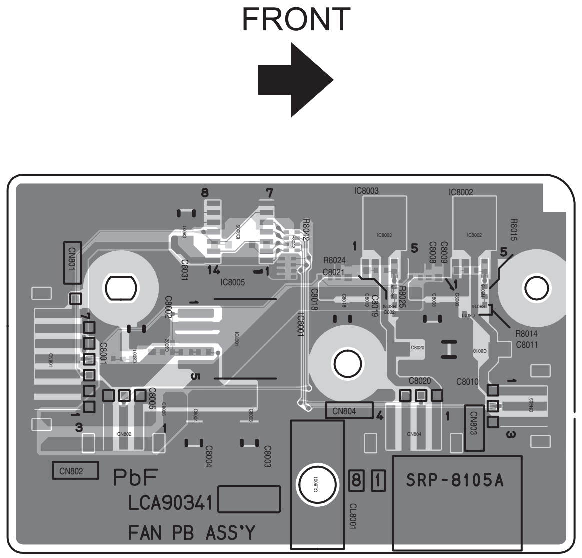
SUB DRIVE PWB PATTERN [PARTS SIDE]


TOP
CN402
CN401
CN403
CN404
LCA90375
DD SUB PB ASS'Y
PbF
IC4101
IC4103

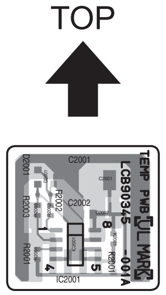
FAN CONTROL PWB PATTERN [SOLD SIDE]


FRONT
LCB90341 -001A
FAN PWB

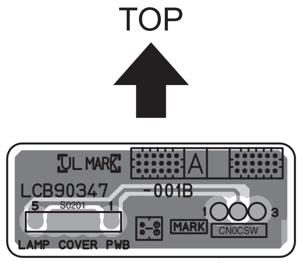
FAN CONTROL PWB PATTERN [PARTS SIDE]


FRONT
PbF
LCA90341
FAN PB ASS'Y
SRP-8105A

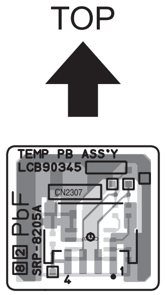
TEMP. SENSOR PWB PATTERN [SOLDER SIDE]


TOP
TEMP PWB
LCB90345 -001A
IC2001

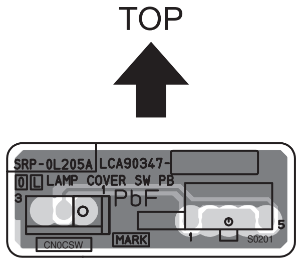
LAMP COVER SW PWB PATTERN [SOLDER SIDE]


TOP
LCB90347 -001B
S0201
MARK
CN0CSW
LAMP COVER PWB

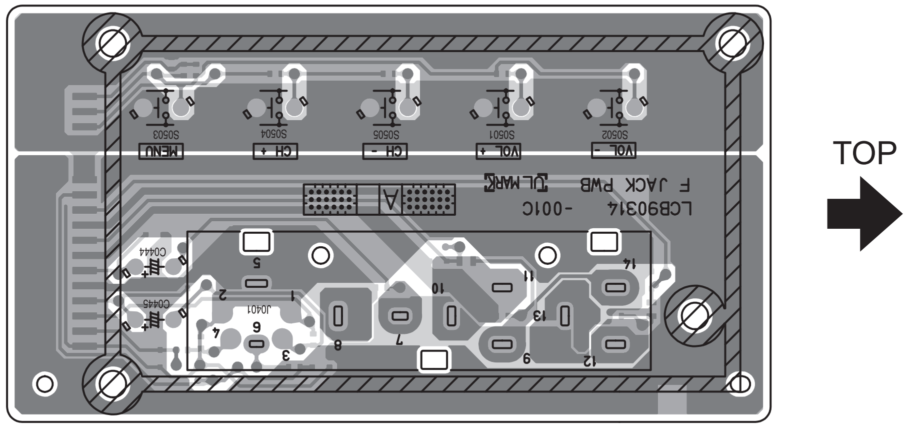
TEMP. SENSOR PWB PATTERN [PARTS SIDE]


TOP
TEMP PB ASS'Y
LCB90345
PbF
SRP-8205A

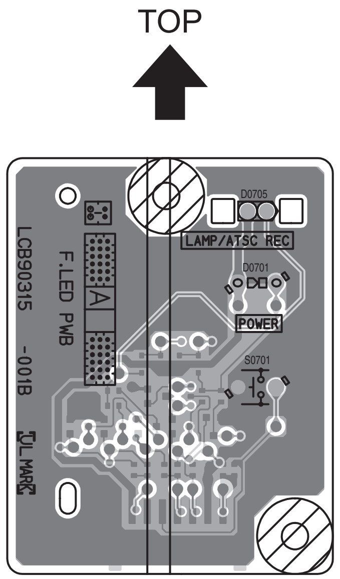
LAMP COVER SW PWB PATTERN [PARTS SIDE]


TOP
SRP-0L205A
LCA90347-
LAMP COVER SW PB
PbF
MARK
CN0CSW
S0201

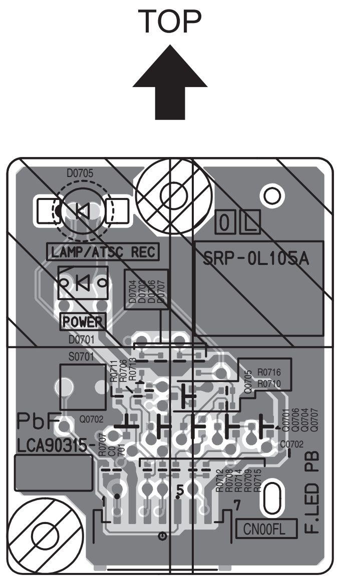
SIDE CONTROL PWB PATTERN [SOLDER SIDE]


TOP
MENU
CH +
CH -
VOL +
VOL -
F JACK PWB
LCB90314 -001C

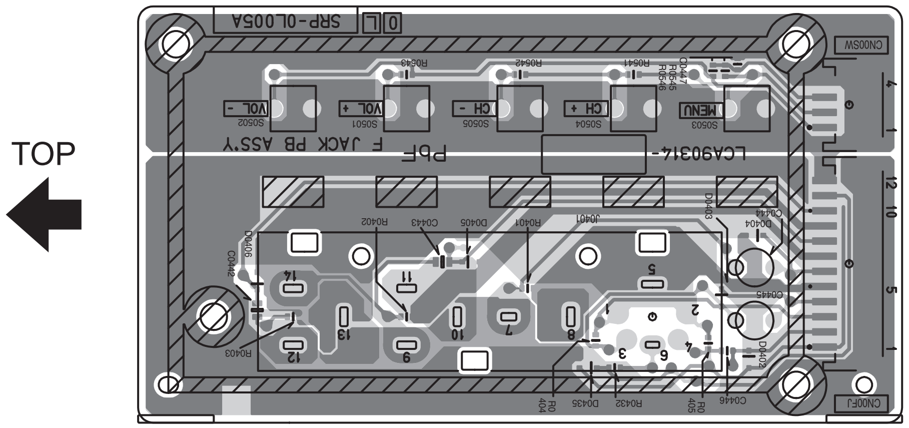
FRONT LED PWB PATTERN [SOLDER SIDE]


TOP
LAMP/ATSC REC
POWER
F.LED PWB
LCB90315 -001B

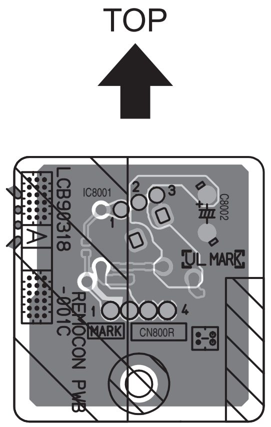
FRONT LED PWB PATTERN [PARTS SIDE]


TOP
LAMP/ATSC REC
POWER
SRP-0L105A
PbF
LCA90315-
F.LED PB
CN00FL

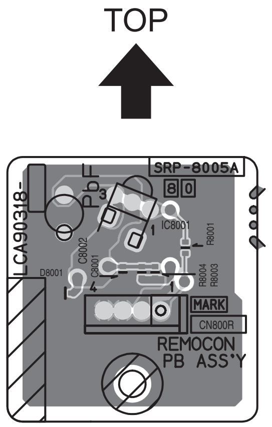
SIDE CONTROL PWB PATTERN [PARTS SIDE]


TOP
SRP-0L005A
VOL -
VOL +
CH -
CH +
MENU
F JACK PB ASS'Y
PbF
LCA90314-
CN00SW
CN00FJ

REMOTE SENSOR PWB PATTERN [SOLDER SIDE]


TOP
LCB90318
-001C
REMOCON PWB
MARK
CN800R

REMOTE SENSOR PWB PATTERN [PARTS SIDE]


TOP
SRP-8005A
LCA90318-
MARK
CN800R
REMOCON
PB ASS'Y

CHANNEL CHART (US)

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
○	○	VL	02		I
			03		
			04		
			05		
			06		
		VH	07		II
			08		
			09		
			10		
			11		
			12		
			13		
×	○	MID	A	14	I
			B	15	
			C	16	II
			D	17	
			E	18	
			F	19	
			G	20	
			H	21	
			I	22	
		SUPER	J	23	
			K	24	
			L	25	
			M	26	
			N	27	
			O	28	
			P	29	
			Q	30	
			R	31	
			S	32	
			T	33	
			U	34	
			V	35	
			W	36	
		HYPER	W+1	37	
			W+2	38	
			W+3	39	
			W+4	40	
			W+5	41	
			W+6	42	
			W+7	43	
			W+8	44	
			W+9	45	
			W+10	46	
			W+11	47	
			W+12	48	IV
			W+13	49	
			W+14	50	
			W+15	51	
			W+16	52	
			W+17	53	
			W+18	54	
			W+19	55	
			W+20	56	
			W+21	57	
			W+22	58	
			W+23	59	
			W+24	60	
			W+25	61	
			W+26	62	
			W+27	63	
			W+28	64	
		ULTRA	W+29	65	
			W+30	66	
			W+31	67	
			W+32	68	
			W+33	69	
			W+34	70	
×	○	ULTRA	W+35	71	IV
			W+36	72	
			W+37	73	
			W+38	74	
			W+39	75	
			W+40	76	
			W+41	77	
			W+42	78	
			W+43	79	
			W+44	80	
			W+45	81	
			W+46	82	
			W+47	83	
			W+48	84	
			W+49	85	
			W+50	86	
			W+51	87	
			W+52	88	
			W+53	89	
			W+54	90	
			W+55	91	
			W+56	92	
			W+57	93	
			W+58	94	
			W+59	100	
			W+60	101	
			W+61	102	
			W+62	103	
			W+63	104	
			W+64	105	
			W+65	106	
			W+66	107	
			W+67	108	
			W+68	109	
			W+69	110	
			W+70	111	
			W+71	112	
			W+72	113	
			W+73	114	
			W+74	115	
			W+75	116	
			W+76	117	
			W+77	118	
			W+78	119	
			W+79	120	
			W+80	121	
			W+81	122	
			W+82	123	
			W+83	124	
			W+84	125	
		SUB MID	A-8	01	I
			A-4	96	
			A-3	97	
			A-2	98	
			A-1	99	
○	×	UHF	14 ~ 69		IV

TOTAL 180CH
{ VHF 124CH
{ UHF 56CH

NOTE:
TO RECEIVE THE SUBSCRIPTION OR PREMIUM PROGRAMMING FROM CERTAIN CABLE COMPANIES.
SPECIAL ADAPTERS MAY BE REQUIRED.

CHANNEL CHART (CA)

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
○	○	VL	02		I
			03		
			04		
			05		
			06		
		VH	07		II
			08		
			09		
			10		
			11		
			12		
			13		
×	○	MID	A	14	
			B	15	
			C	16	
			D	17	
			E	18	
			F	19	
			G	20	
			H	21	
			I	22	
		SUPER	J	23	
			K	24	
			L	25	
			M	26	
			N	27	
			O	28	
			P	29	III
			Q	30	
			R	31	
			S	32	
			T	33	
			U	34	
			V	35	
			W	36	
		HYPER	W+1	37	
			W+2	38	
			W+3	39	
			W+4	40	
			W+5	41	
			W+6	42	
			W+7	43	
			W+8	44	
			W+9	45	
			W+10	46	
			W+11	47	
			W+12	48	
			W+13	49	
			W+14	50	
			W+15	51	
			W+16	52	
			W+17	53	
			W+18	54	
			W+19	55	
			W+20	56	
			W+21	57	
			W+22	58	
			W+23	59	
			W+24	60	
			W+25	61	
			W+26	62	
			W+27	63	
			W+28	64	
		ULTRA	W+29	65	
			W+30	66	IV
			W+31	67	
			W+32	68	
			W+33	69	
			W+34	70	
×	○	ULTRA	W+35	71	IV
			W+36	72	
			W+37	73	
			W+38	74	
			W+39	75	
			W+40	76	
			W+41	77	
			W+42	78	
			W+43	79	
			W+44	80	
			W+45	81	
			W+46	82	
			W+47	83	
			W+48	84	
			W+49	85	
			W+50	86	
			W+51	87	
			W+52	88	
			W+53	89	
			W+54	90	
			W+55	91	
			W+56	92	
			W+57	93	
			W+58	94	
			W+59	100	
			W+60	101	
			W+61	102	
			W+62	103	
			W+63	104	
			W+64	105	
			W+65	106	
			W+66	107	
			W+67	108	
			W+68	109	
			W+69	110	
			W+70	111	
			W+71	112	
			W+72	113	
			W+73	114	
			W+74	115	
			W+75	116	
			W+76	117	
			W+77	118	
			W+78	119	
			W+79	120	
			W+80	121	
			W+81	122	
			W+82	123	
			W+83	124	
			W+84	125	
		SUB MID	A-8	01	I
			A-4	96	
			A-3	97	II
			A-2	98	
			A-1	99	
○	×	UHF	14 ~ 69		IV

TOTAL 180CH
{ VHF 124CH
{ UHF 56CH

NOTE:
TO RECEIVE THE SUBSCRIPTION OR PREMIUM PROGRAMMING FROM CERTAIN CABLE COMPANIES.
SPECIAL ADAPTERS MAY BE REQUIRED.

PARTS LIST

REVISED

CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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PACKING PARTS LIST 3-53

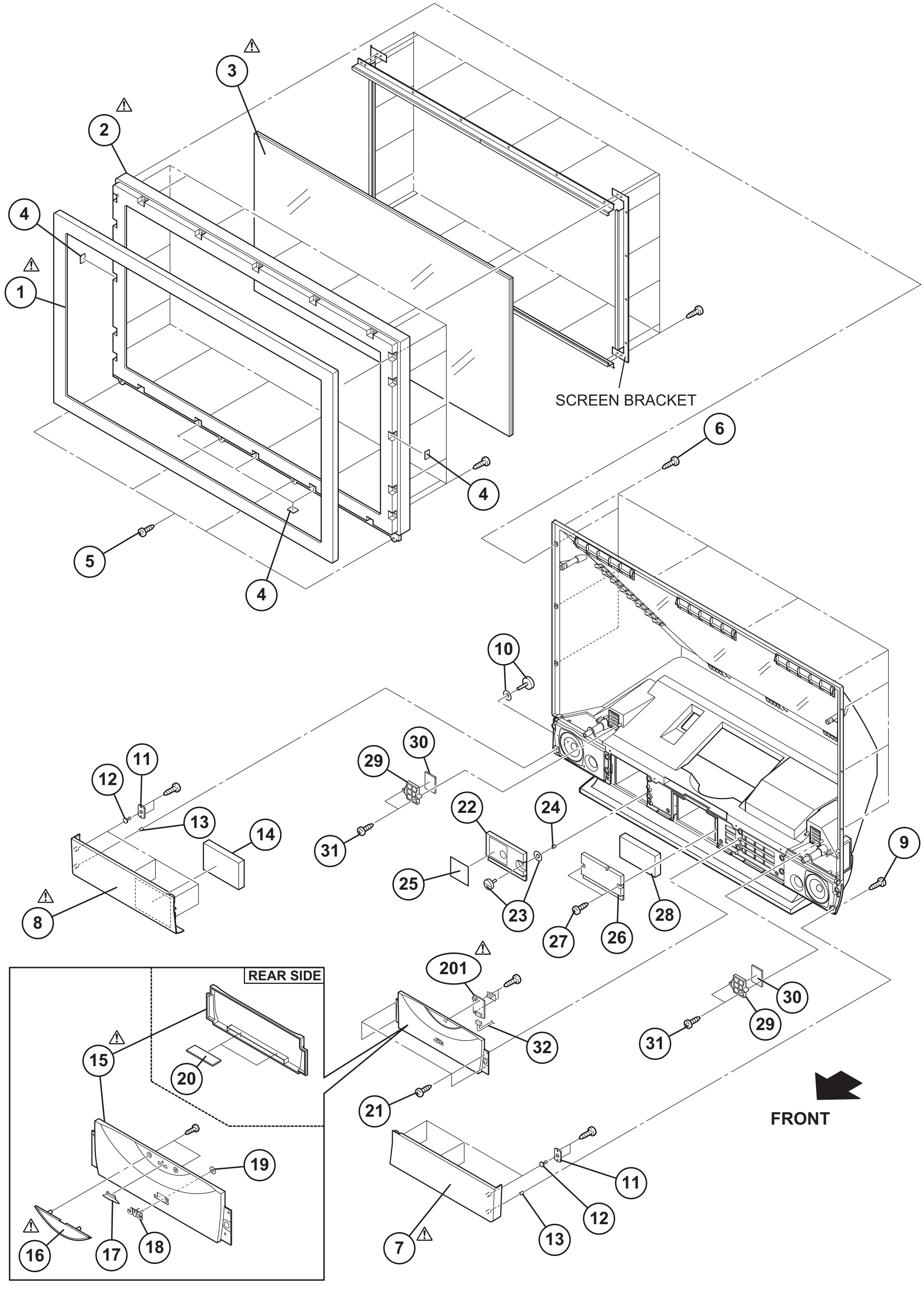
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y	HD-52Z575	HD-52Z585	HD-61Z575	HD-61Z585
ANALOG SIGNAL P.W.B	SRP-1005A-M2	←	←	←
REGULATOR P.W.B	SRP-2005A-M2	←	←	←
MAIN DRIVE P.W.B	SRP-3005A-M2	←	←	←
REMOTE SENSOR P.W.B	SRP-8005A-M2	←	←	←
FAN CONTROL P.W.B	SRP-8105A-M2	←	←	←
TEMP SENSOR P.W.B	SRP-8205A-M2	←	←	←
SUB DRIVE P.W.B	SRP-8405A-M2	←	←	←
POWER P.W.B	SRP-9005A-M2	←	←	←
DIGITAL SIGNAL P.W.B	SRP0D007A-M2	SRP0D005A-M2	SRP0D008A-M2	SRP0D006A-M2
REAR JACK P.W.B	SRP0J005A-M2	←	←	←
SIDE CONTROL P.W.B	SRP0L005A-M2	←	←	←
FRONT LED P.W.B	SRP0L105A-M2	←	←	←
LAMP COVER SW P.W.B	SRP0L205A-M2	←	←	←
RECEIVER P.W.B	SRP0R005A-M2	←	←	←
REMOTE CONTROL UNIT	RM-C15G-1H	←	←	←

EXPLODED VIEW PARTS LIST -1

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	1	LC11870-001A-A	FRONT PANEL		HD-52Z575,HD-52Z585
⚠	1	LC11915-001B-A	FRONT PANEL		HD-61Z575,HD-61Z585
⚠	2	LC11869-002A-A	FRONT CABINET		HD-52Z575
⚠	2	LC11869-001A-A	FRONT CABINET		HD-52Z585
⚠	2	LC11914-002B-A	FRONT CABINET		HD-61Z575
⚠	2	LC11914-001B-A	FRONT CABINET		HD-61Z585
⚠	3	52SC-001A-M2	SCREEN ASSY	Inc.FRESNEL LENS/LENTICULAR LENS	HD-52Z575,HD-52Z585
⚠	3	61SC-001A-M2	SCREEN ASSY	Inc.FRESNEL LENS/LENTICULAR LENS	HD-61Z575,HD-61Z585
	4	LC41721-006A-A	SPACER	(x5)	HD-52Z575,HD-52Z585
	5	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
	6	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x10)	
⚠	7	LC11872-004B-A	SPEAKER GRILL RIGHT		HD-52Z575
⚠	7	LC11872-002B-A	SPEAKER GRILL RIGHT		HD-52Z585
⚠	7	LC11917-004D-A	SPEAKER GRILL RIGHT		HD-61Z575
⚠	7	LC11917-002D-A	SPEAKER GRILL RIGHT		HD-61Z585
⚠	8	LC11872-003B-A	SPEAKER GRILL LEFT		HD-52Z575
⚠	8	LC11872-001B-A	SPEAKER GRILL LEFT		HD-52Z585
⚠	8	LC11917-003D-A	SPEAKER GRILL LEFT		HD-61Z575
⚠	8	LC11917-001D-A	SPEAKER GRILL LEFT		HD-61Z585
	9	QYSPSPD4012MA	SCREW	For SPEAKER GRILL RIGHT	
	10	LC41984-001A-A	KNOB SCREW	For SPEAKER GRILL LEFT	
	11	LC32692-002A-A	STRIKER	(x10)	
	12	LC32692-001A-A	STRIKER	(x10)	
	13	LC41960-001A-A	INSERT NUT	(x2)	
	14	LC32897-002A-A	SOUND ABSORBER		HD-52Z575,HD-52Z585
	14	LC32897-003A-A	SOUND ABSORBER		HD-61Z575,HD-61Z585
⚠	15	LC11876-002A-A	CENTER PANEL		HD-52Z575
	15	LC11876-001A-A	CENTER PANEL		HD-52Z585
⚠	15	LC11949-002B-A	CENTER PANEL		HD-61Z575
⚠	15	LC11949-001B-A	CENTER PANEL		HD-61Z585
⚠	16	LC32791-002C-0K	POWER KNOB ASSY		HD-52Z575,HD-61Z575
⚠	16	LC32791-001C-0K	POWER KNOB ASSY		HD-52Z585,HD-61Z585
	17	LC32623-001B-A	LED LENS		
	18	LC32707-002A-C	JVC MARK		HD-52Z575,HD-61Z575
	18	LC32707-001A-C	JVC MARK		HD-52Z585,HD-61Z585
	19	QYNSS2000P	PUSH NUT		
	20	LC41721-004A-A	SPACER		HD-52Z575,HD-52Z585
	20	LC41721-004A-A	SPACER	(x2)	HD-61Z575,HD-61Z585
	21	QYSBSF4012ZA	TAP SCREW	For CENTER PANEL(x4)	
	22	LC12047-001A-A	LAMP COVER		
	23	LC41984-001A-A	KNOB SCREW	For LAMP COVER	
	24	LC41960-001A-A	INSERT NUT		
	25	LC32880-001A-A	WARNING SHEET		
	26	LC21590-001A-A	CENTER COVER		
	27	QYSBSFG4016MA	TAP SCREW	For CENTER COVER(x2)	
	28	LC32897-001A-A	SOUND ABSORBER		
	29	LC21539-001A-A	FILTER COVER	(x2)	
	30	LC32621-001A-A	BACK FILTER	(x2)	
	31	QYSBSFG4016MA	TAP SCREW	For BACK FILTER(x4)	
	32	WJJ0486-001A	E-SI C WIRE C-C	"FL"	
⚠	201	SRP0L105A-M2	FRONT LED PWB		

EXPLODED VIEW -1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SCREEN BRACKET
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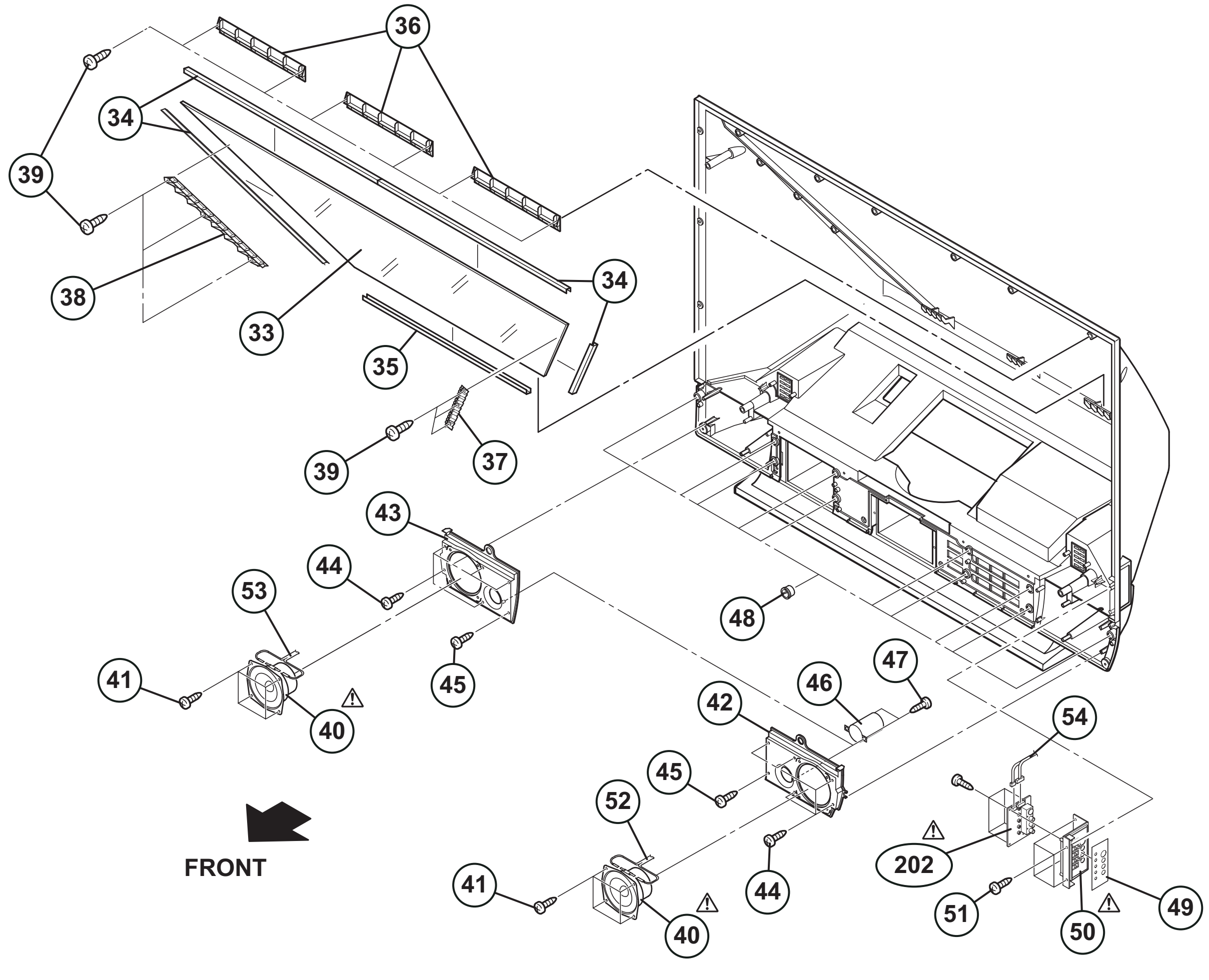
EXPLODED VIEW PARTS LIST -2

⚠	Ref.No.	Part No.	Part Name	Description	Local
	33	LC32619-002B-A	GLASS MIRROR		HD-52Z575,HD-52Z585
	33	LC32619-001B-A	GLASS MIRROR		HD-61Z575,HD-61Z585
	34	LC32447-011A-A	STICK SHEET	(x4)	HD-52Z575,HD-52Z585
	34	LC32447-017A-A	STICK SHEET	(x4)	HD-61Z575,HD-61Z585
	35	LC32447-010A-A	STICK SHEET		HD-52Z575,HD-52Z585
	35	LC32447-016A-A	STICK SHEET		HD-61Z575,HD-61Z585
	36	LC21537-001A-A	MIRROR HOLDER TOP	(x3)	
	37	LC21538-002A-A	MIRROR HOLDER RIGHT		
	38	LC21538-001A-A	MIRROR HOLDER LEFT		
	39	QYSBSFG4016MA	TAP SCREW	For MIRROR HOLDER(x12)	
⚠	40	QAS0251-001	SPEAKER	SP01/SP02(x2)	
	41	QYSBSFG4016MA	TAP SCREW	For SPEAKER(x8)	
	42	LC11939-002B-A	SPEAKER PLATE		HD-52Z575,HD-52Z585
	42	LC11950-002B-A	SPEAKER PLATE		HD-61Z575,HD-61Z585
	43	LC11939-001B-A	SPEAKER PLATE		HD-52Z575,HD-52Z585
	43	LC11950-001B-A	SPEAKER PLATE		HD-61Z575,HD-61Z585
	44	QYSBSFG4016MA	TAP SCREW	For SPEAKER PLATE(x10)	
	45	QYSBSFG4012MA	TAP SCREW	For SPEAKER PLATE(x2)	HD-52Z575,HD-52Z585
	45	QYSBSFG4016MA	TAO SCREW	For SPEAKER PLATE(x2)	HD-61Z575,HD-61Z585
	46	LC32797-001A-A	SPEAKER PORT	(x2)	HD-52Z575,HD-52Z585
	47	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x4)	
	48	LC32810-001A-A	CATCHER	(x10)	
	49	LC32626-001B-A	OPERATION SHEET		
⚠	50	LC21589-001A-A	SIDE CONTROL BASE		
	51	QYSBSFG4016MA	TAP SCREW	For SIDE CONTROL BASE(x4)	
	52	WJJ0487-002A	E-SI C WIRE C-C	"SPR"	
	53	WJJ0487-001A	E-SI C WIRE C-C	"SPL"	
	54	WJZ0139-001A	E-HARNESS ASSY	"FJ"/"SW"	
⚠	202	SRP0L005A-M2	SIDE CONTROL PWB		

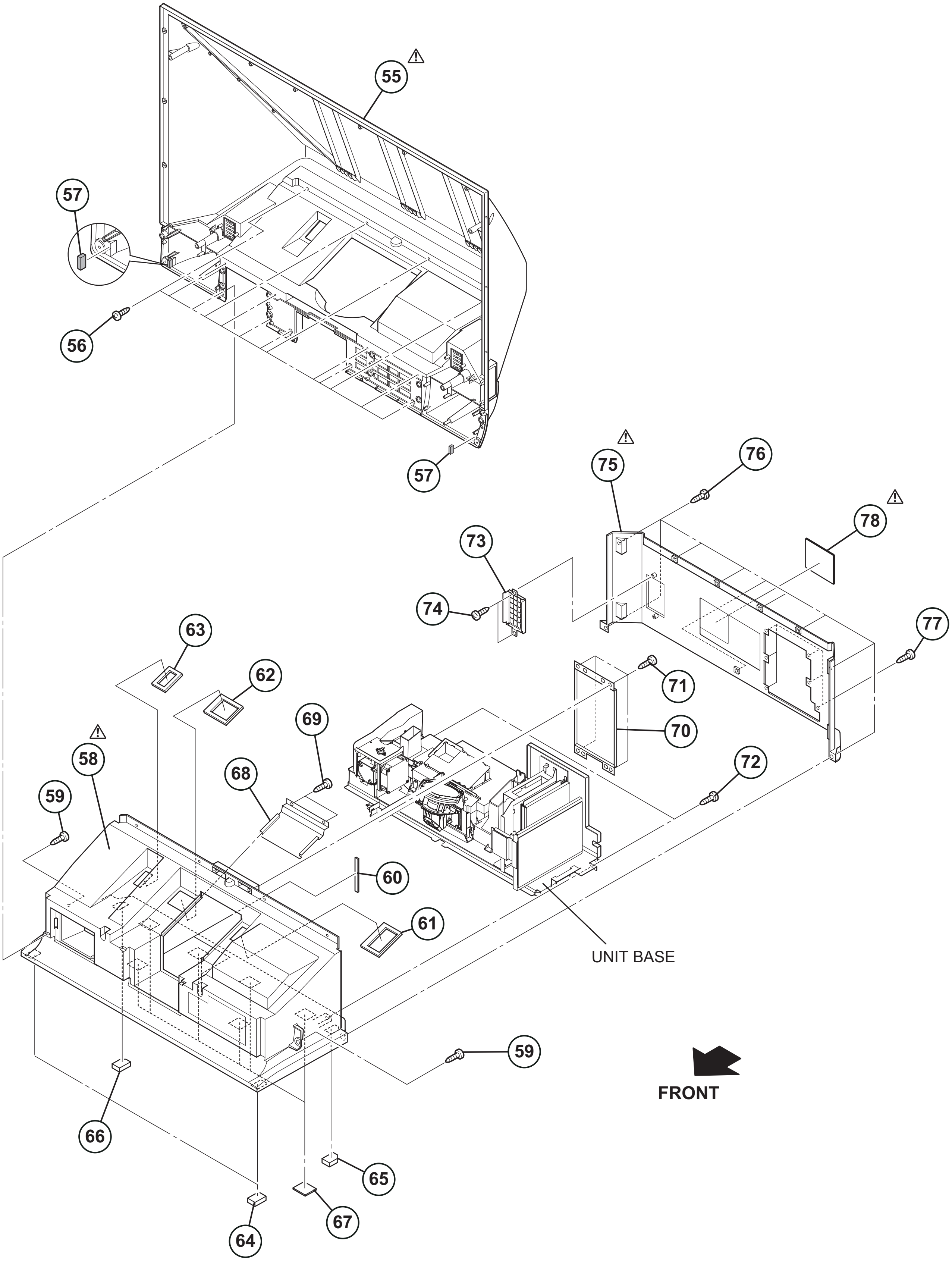
EXPLODED VIEW -2



EXPLODED VIEW PARTS LIST -3

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	55	LC11871-001C-A	BACK COVER		HD-52Z575
⚠	55	LC11871-001D-A	BACK COVER		HD-52Z585
⚠	55	LC11916-001C-A	BACK COVER		HD-61Z575,HD-61Z585
	56	QYSBSFG4016MA	TAP SCREW	For BACK COVER(x13)	
	57	LC32447-040A-A	STICK SHEET	(x2)	HD-52Z575,HD-52Z585
⚠	58	LC11868-002C-A	BODY		HD-52Z575,HD-61Z575
⚠	58	LC11868-001C-A	BODY		HD-52Z585,HD-61Z585
	59	QYSBSFG4016MA	TAP SCREW	For BODY(x2)	
	60	LC32447-034A-A	STICK SHEET	(x2)	
	61	LC32633-001B-A	SPONGE		
	62	LC32801-001B-A	SPONGE		
	63	LC32809-001B-A	SPONGE		
	64	LC32861-001A-A	FOOT F	(x2)	
	65	LC32862-002A-A	FOOT B		
	66	LC32862-001A-A	FOOT B		
	67	LC32870-001A-A	PLATE	(x6)	
	68	LC32754-001A-A	TOP SHADE BRACKET		
	69	QYSBSFG4016MA	TAP SCREW	For TOP SHADE BRACKET(x2)	
	70	LC11943-001B-A	BODY BRACKET		
	71	QYSBSFG4016MA	TAP SCREW	For BODY BRACKET(x4)	
	72	QYSBSFG4016MA	TAP SCREW	For UNIT BASE BRACKET(x2)	
	73	LC21690-001A-A	LAMP DUCT BRACKET		
	74	QYSBSFG4016MA	TAP SCREW	For LAMP DUCT BRACKET(x2)	
⚠	75	LC11873-001C-A	BODY COVER		
	76	QYSBSFG4016MA	TAP SCREW	For BODY COVER(x9)	
	77	QYSBSFG4016MA	TAP SCREW	For AV BOARD(x6)	
⚠	78	LC32830-001A-A	RATING LABEL		

EXPLODED VIEW -3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UNIT BASE
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FRONT
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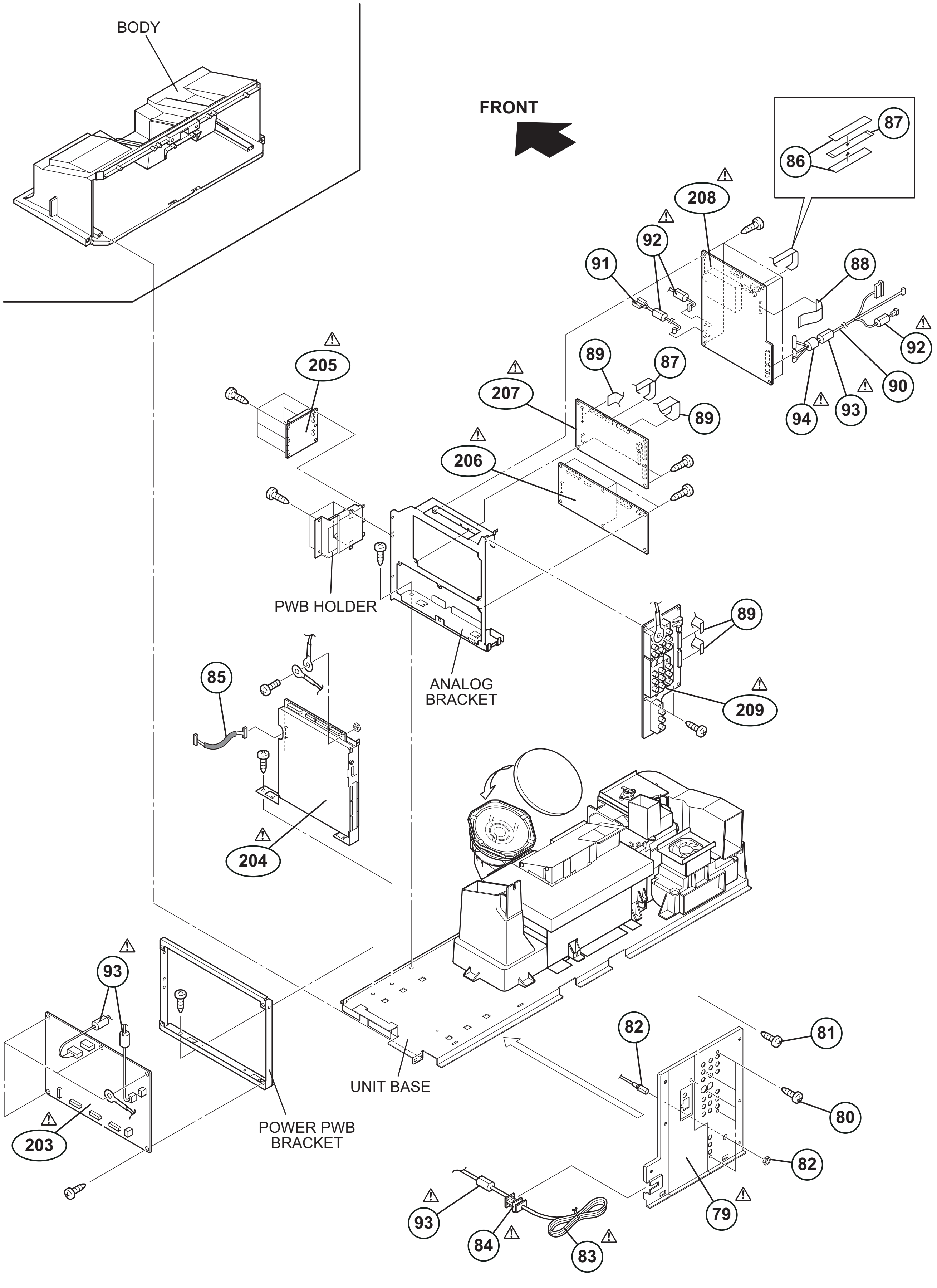
EXPLODED VIEW PARTS LIST -4

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	79	LC11880-001C-A	AV BOARD		
	80	QYSBSF3012MA	TAP SCREW	M3 x 12mm(x5)	
	81	QYSBSFG4016MA	TAP SCREW	M4 x 16mm	
	82	QAM0493-001	F CABLE		
⚠	83	QMPD290-200-JC	POWER CORD(US/CA)	2m BLACK	
⚠	84	LC20106-001D-A	POWER CORD CLAMP		
	85	LC31981-008A	GASKET TAPE		
	86	LC42031-009A	SHIELD TAPE	(x2)	
	87	QUQ105-3015AE	FFC WIRE	30pin 15cm(x2)	
	88	QUQ105-4013AE	FFC WIRE	40pin 13cm	
	89	QUQ105-5013AE	FFC WIRE	50pin 13cm(x4)	
	90	WJZ0140-001A	E-HARNESS ASSY	"FJ"/"FL"/"SW"	
	91	WJJ0485-001A	E-SI C WIRE C-C	"SPL"/"SPR"	
⚠	92	QQR0490-001	NOISE FILTER	(x3)	
⚠	93	QQR0491-001	FERRITE CORE	(x4)	
⚠	94	QQR0942-001	CORE FILTER		
⚠	203	SRP-9005A-M2	POWER PWB		
⚠	204	SRP0D007A-M2	DIGITAL SIGNAL PWB		HD-52Z575
⚠	204	SRP0D005A-M2	DIGITAL SIGNAL PWB		HD-52Z585
⚠	204	SRP0D008A-M2	DIGITAL SIGNAL PWB		HD-61Z575
⚠	204	SRP0D006A-M2	DIGITAL SIGNAL PWB		HD-61Z585
⚠	205	SRP-8405A-M2	SUB DRIVE PWB		
⚠	206	SRP-2005A-M2	REGURATOR PWB		
⚠	207	SRP-1005A-M2	ANALOG SIGNAL PWB		
⚠	208	SRP0R005A-M2	RECEIVER PWB		
⚠	209	SRP0J005A-M2	REAR JACK PWB		

EXPLODED VIEW -4


BODY
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PWB HOLDER
ANALOG
BRACKET
89
209
85
204
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203
POWER PWB
BRACKET
UNIT BASE
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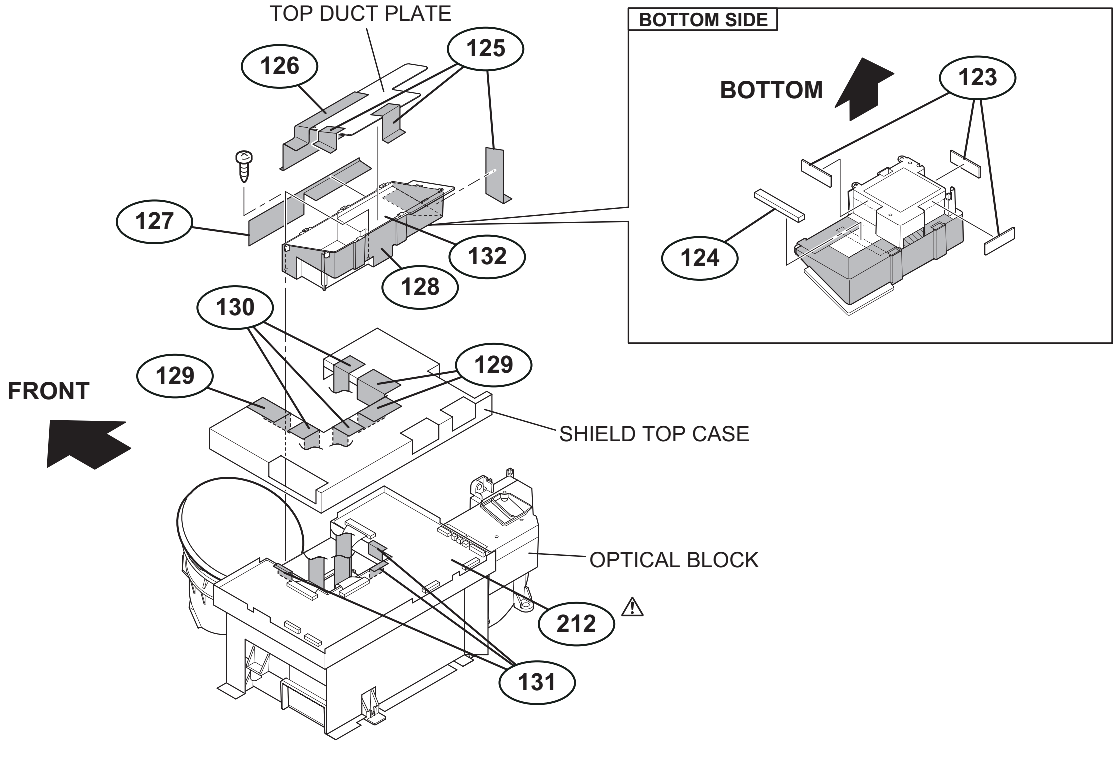
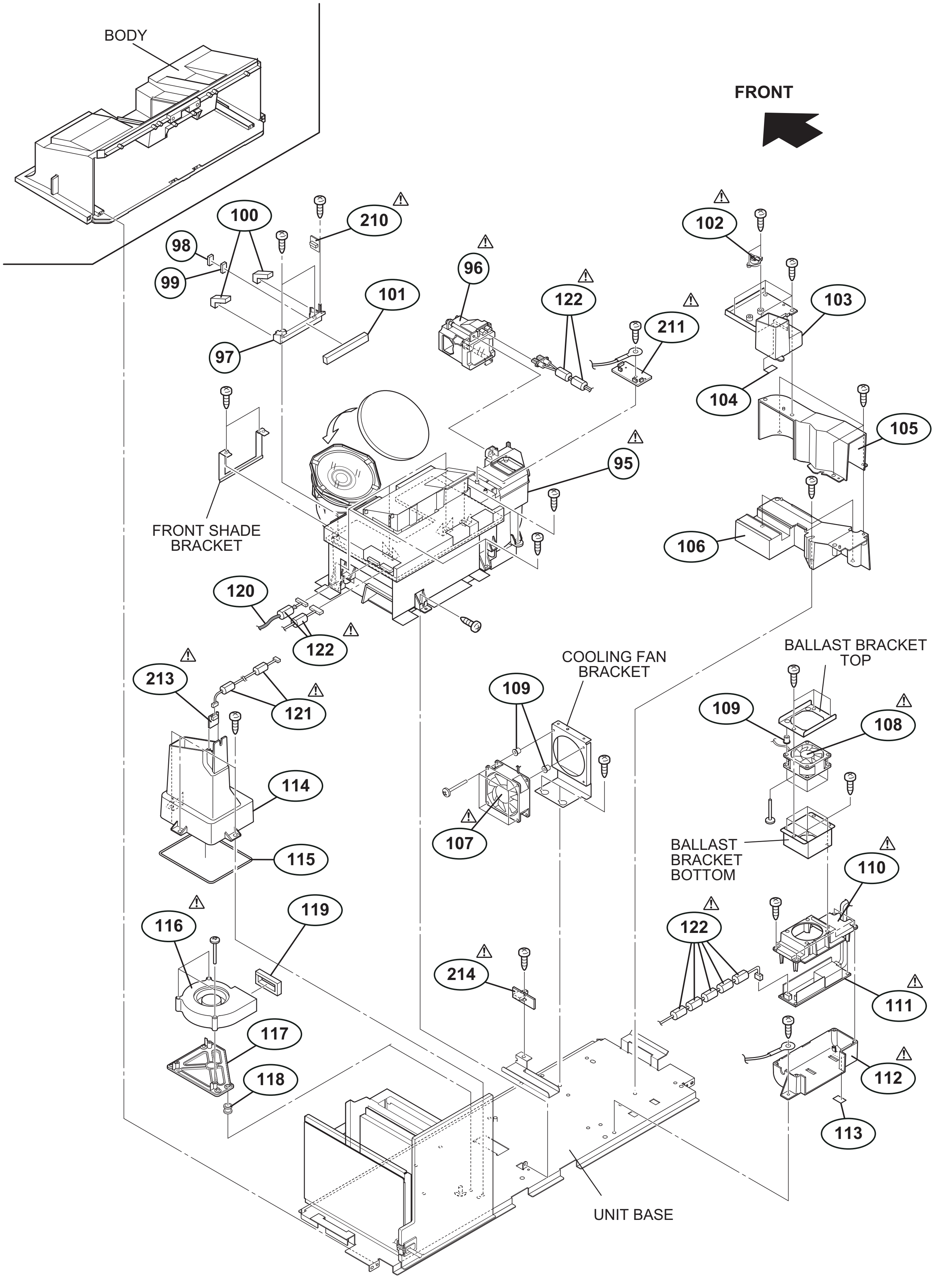
EXPLODED VIEW PARTS LIST -5

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	95	TS-COP5A-SAA	OPTICAL/DRIVE ASSY	Inc.D-ILA DEVICE/MAIN DRIVE PWB/PJ LENS	
⚠	96	TS-CL110UAA	LAMP UNIT	Inc.Accessory	
	97	LC11986-001B-A	SHADE COVER		
	98	LC42027-001A-A	PJ CUSHION		
	99	LC42028-003A-A	FIX PLATE		
	100	LC32447-034A-A	STICK SHEET	(x2)	
	101	LC32447-028A-A	STICK SHEET		
⚠	102	QMR0011-001	TH PROTECTOR		
	103	LC11967-001B	DUCT PCS		
	104	LC42029-001A	SPACER		
	105	LC11888-001C-A	LAMP DUCT TOP		
	106	LC11889-001B-A	LAMP DUCT BOTTOM		
⚠	107	QAR0331-001	COOLING FAN		
⚠	108	QAR0332-001	COOLING FAN		
	109	LC42034-001A-A	WELL NUT	(x6)	
⚠	110	LC11985-001B-A	BALLAST COVER		
⚠	111	QAL0568-001	LAMP BALLAST UNIT		
⚠	112	LC11948-001B-A	BALLAST HOLDER		
	113	LC32447-041A-A	STICK SHEET		
	114	LC11886-001C-A	SIROCCO CASE TOP		
	115	LC32447-027A-A	STICK SHEET		
⚠	116	QAR0335-001	COOLING FAN		
	117	LC21682-001B-A	SIROCCO HOLDER		
	118	LC40113-002A	SPACER(CUSHION)	(x3)	
	119	LC32447-026A-A	STICK SHEET		
	120	LC31981-008A	GASKET TAPE		
⚠	121	QQR0490-001	NOISE FILTER	(x2)	
⚠	122	QQR0491-001	FERRITE CORE	(x9)	
	123	LC41836-002A-A	OPT P CUSHION	(x3)	
	124	LC41546-014A	GASKET		
	125	LC42031-005A-A	SHIELD TAPE	(x3) 80mm x 40mm	
	126	LC31981-007A	GASKET TAPE		
	127	LC42023-001A-A	SHIELD PLATE		
	128	LC32891-001A-A	SHIELD PLATE(A)		
	129	LC42031-004A-A	SHIELD TAPE	(x3) 40mm x 40mm	
	130	LC42010-001A	SHIELD TAPE	FPC SHIELD	
	131	LC42031-007A-A	SHIELD TAPE	(x3) 20mm x 20mm	
	132	LC21567-001A	TOP DUCT		
⚠	210	SRP-8005A-M2	REMOTE SENSOR PWB		
⚠	211	SRP-8105A-M2	FAN CONTROL PWB		
⚠	212	SRP-3005A-M2	MAIN DRIVE PWB		
⚠	213	SRP-8205A-M2	TEMP SENSOR PWB		
⚠	214	SRP0L205A-M2	LAMP COVER SW PWB		

EXPLODED VIEW -5




BODY
FRONT
FRONT SHADE BRACKET
COOLING FAN BRACKET
BALLAST BRACKET TOP
BALLAST BRACKET BOTTOM
UNIT BASE

PRINTED WIRING BOARD PARTS LIST [HD-52Z575]

ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC201	TA1370FG-X	IC		
IC202	SN74AHC1G08V-X	IC		
IC301	AN15852A	IC		
IC501	CXA2069Q	IC		
IC801	TB1274AF	IC		
IC802	TC90A69AF-X	IC		
IC803	BA05FP-X	IC		
IC902	TA48M033F-X	IC		
Q301	2SC3837K/NP/-X	TRANSISTOR		
Q302	2SC3837K/NP/-X	TRANSISTOR		
Q303	2SC3837K/NP/-X	TRANSISTOR		
Q304	2SC3837K/NP/-X	TRANSISTOR		
Q305	2SC3837K/NP/-X	TRANSISTOR		
Q306	2SC3837K/NP/-X	TRANSISTOR		
Q307	2SA1530A/QR/-X	TRANSISTOR		
Q402	2SK1374-X	MOS FET		
Q403	2SK1374-X	MOS FET		
Q404	2SK1374-X	MOS FET		
Q405	2SK1374-X	MOS FET		
Q801	2SA1530A/QR/-X	TRANSISTOR		
Q802	2SA1530A/QR/-X	TRANSISTOR		
Q810	2SA1530A/QR/-X	TRANSISTOR		
Q851	2SA1530A/QR/-X	TRANSISTOR		
Q853	2SC3928A/QR/-X	TRANSISTOR		
Q854	2SC3928A/QR/-X	TRANSISTOR		
Q855	2SA1530A/QR/-X	TRANSISTOR		
Q858	2SC3928A/QR/-X	TRANSISTOR		
Q859	2SA1530A/QR/-X	TRANSISTOR		
Q862	2SC3928A/QR/-X	TRANSISTOR		
Q863	2SC3928A/QR/-X	TRANSISTOR		
Q901	2SC3074/OY/-X	TRANSISTOR		
QB613	2SC3928A/QR/-X	TRANSISTOR		
D501	MA8100/M/-X	Z DIODE		
D903	PTZ11B-X	Z DIODE		
D904	PTZ6.8B-X	Z DIODE		
DB201	MA8033-X	Z DIODE		
DB604	MA111-X	SI DIODE		
DB606	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C202	NEH71HM-225X	E CAPACITOR	2.2uF 50V M	
C203	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C204	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C205	NEH71HM-105X	E CAPACITOR	1uF 50V M	
C206	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C207	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C302	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C306	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C307	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C308	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C319	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C321	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C323	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C324	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C325	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C326	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C327	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C328	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C329	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C330	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C335	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C336	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C337	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C339	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C340	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C341	MA8100/M/-X	Z DIODE		
C342	MA8100/M/-X	Z DIODE		
C343	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C346	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C348	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C349	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C351	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C354	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C372	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C382	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C392	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C501	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C502	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C503	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C505	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C506	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C801	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C802	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C803	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C804	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C807	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C813	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C818	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C819	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J	
C820	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C821	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C822	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C823	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C825	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C826	NEH71EM-226X	E CAPACITOR	22uF 25V M	
C827	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
C828	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C835	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C850	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C851	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C852	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C853	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C854	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C860	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C861	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C862	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C865	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C868	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C869	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C872	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C876	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C877	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C878	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C879	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C880	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C881	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C884	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C885	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C886	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C887	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C888	NEH71AM-107X	E CAPACITOR	100uF 10V M	
C889	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C890	NEH71HM-106X	E CAPACITOR	10uF 50V M	
C891	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C892	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C894	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C895	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C904	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C905	NEH91CM-476X	E CAPACITOR	47uF 16V M	
C911	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C912	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C916	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
CB401	NEH71HM-105X	E CAPACITOR	1uF 50V M	
CB501	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB503	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB504	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	

⚠Ref No.	Part No.	Part Name	Description	Local
CB505	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB507	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB508	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB509	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB510	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CB613	NEH71CM-106X	E CAPACITOR	10uF 16V M	
R201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R203	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R204	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R208	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R211	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R212	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R214	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R304	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R305	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R318	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R319	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R321	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R323	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R324	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R328	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R329	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R334	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R335	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R336	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R372	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R374	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R375	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R382	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R384	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R385	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R392	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R394	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R395	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R403	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R405	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R502	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R504	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R506	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R513	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R514	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R516	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R517	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R518	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R521	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R527	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R528	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R529	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R530	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R531	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R801	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R802	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R803	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R804	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R805	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R807	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R808	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R816	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R817	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R818	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R819	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R840	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R851	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R852	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R853	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R854	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R855	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R856	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R859	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R860	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R861	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R862	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R863	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R864	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R865	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R869	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R873	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R874	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R876	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R877	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R879	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R883	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R884	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R885	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R886	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R887	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R888	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R889	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R893	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R907	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R917	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB203	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
RB401	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
RB402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
RB502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB503	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB617	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB618	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
RB624	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L201	NQL034K-101X	CHIP P COIL	100uH K	
L807	NQR0413-003X	FERRITE BEADS		
L808	NQR0413-003X	FERRITE BEADS		
L809	NQR0413-003X	FERRITE BEADS		
L851	NQL092K-6R8X	COIL	6.8uH K	
L852	NQL092K-6R8X	COIL	6.8uH K	
L853	NQL092K-6R8X	COIL	6.8uH K	
L854	NQL092M-270X	CHIP P COIL	27uH M	
L855	NQL024J-560X	CHIP P COIL	56uH J	
L861	NQL914K-220X	COIL	22uH K	
L862	NQL914K-101X	COIL	100uH K	
L863	NQL914K-101X	COIL	100uH K	
L864	NQL914K-101X	COIL	100uH K	
L865	NQL914K-220X	COIL	22uH K	
L866	NQL914K-220X	COIL	22uH K	
L867	NQL914K-220X	COIL	22uH K	
L901	NQL52EM-220X	COIL	22uH M	
L902	NQL52EM-220X	COIL	22uH M	
L904	NQL52EM-220X	COIL	22uH M	
CN001	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
CN00F	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN00T	QGF0508C1-40W	CONNECTOR	FFC/FPC (1-40)	
CN0J1	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN0J2	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
X201	CSB503F30-T2	C RESONATOR		
X801	NAX0621-001X	CRYSTAL	16.200MHz	

REGULATOR P.W. BOARD ASS'Y
(SRP-2005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC2001	PQ12RD11	IC		
IC2101	PQ1CG2032FZ	IC		
IC2201	PQ1CG2032FZ	IC		
IC2701	M62320FP-X	IC		
IC2702	BA05FP-X	IC		
Q2801	2SC3928A/QR/-X	TRANSISTOR		
Q2802	2SC3928A/QR/-X	TRANSISTOR		
D2001	D1FS4-X	SB DIODE		
D2102	FSQ05A04	SB DIODE		
D2103	PTZ11B-X	Z DIODE		
D2202	FSQ05A04	SB DIODE		
D2203	PTZ6.8B-X	Z DIODE		
D2701	MA8051/M/-X	Z DIODE		
D2801	MA111-X	SI DIODE		
D2802	MA8051/M/-X	Z DIODE		
D2803	MA111-X	SI DIODE		
C2001	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2002	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2003	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2101	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	
C2102	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C2103	QEZ0255-128	E CAPACITOR	1200uF 16V M	
C2105	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2106	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2201	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	
C2202	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C2203	QEZ0256-128	E CAPACITOR	1200uF 10V M	
C2205	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2206	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2207	QEZ0256-128	E CAPACITOR	1200uF 10V M	
C2701	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C2703	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C2704	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2801	NCB21CK-105X	C CAPACITOR	1uF 16V K	
R2001	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2101	NRSA63D-683X	MG RESISTOR	68kΩ 1/16W D	
R2102	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R2103	NRSA63D-152X	MG RESISTOR	1.5kΩ 1/16W D	
R2104	NRSA63D-153X	MG RESISTOR	15kΩ 1/16W D	
R2201	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D	
R2202	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R2203	NRSA63D-302X	MG RESISTOR	3kΩ 1/16W D	
R2204	NRSA63D-153X	MG RESISTOR	15kΩ 1/16W D	
R2205	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R2206	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R2701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2703	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2704	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2801	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2802	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2803	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2804	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2805	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2806	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2807	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
L2102	QQR1401-001	CHOKE COIL		
L2202	QQR1401-001	CHOKE COIL		
H2101	LC31334-003A	HEAT SINK/AL-F/		
H2201	LC31334-003A	HEAT SINK/AL-F/		

MAIN DRIVE P.W. BOARD ASSY
(SRP-3005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC3001	THC63LVDF84B-W	IC		
IC3002	SN74LVC541APW-X	IC		
IC3003	TC74VHC541FT-X	IC		
IC3101	ASI5100	IC(DILA DRIVER)		
IC3102	HY57V161610ETP7	IC		
IC3103	HY57V161610ETP7	IC		
IC3104	HY57V161610ETP7	IC		
IC3105	HY57V161610ETP7	IC		
IC3161	LMC6024IM-X	IC		
IC3162	OPA2677U-X	IC		
IC3163	OPA2677U-X	IC		
IC3201	ASI5100	IC(DILA DRIVER)		
IC3202	HY57V161610ETP7	IC		
IC3203	HY57V161610ETP7	IC		
IC3204	HY57V161610ETP7	IC		
IC3205	HY57V161610ETP7	IC		
IC3206	SN74LVC1G125V-X	IC		
IC3261	LMC6024IM-X	IC		
IC3262	OPA2677U-X	IC		
IC3263	OPA2677U-X	IC		
IC3301	ASI5100	IC(DILA DRIVER)		
IC3302	HY57V161610ETP7	IC		
IC3303	HY57V161610ETP7	IC		
IC3304	HY57V161610ETP7	IC		
IC3305	HY57V161610ETP7	IC		
IC3361	LMC6024IM-X	IC		
IC3362	OPA2677U-X	IC		
IC3363	OPA2677U-X	IC		
IC3701	AT89C51RD2RLTIM	IC		
IC3743	TC74HC4053AFT-X	IC(DIGITAL)		
IC3801	EP1C6Q240C8N	IC		
IC3802	R1170H151B-X	IC		
IC3871	EPCS1SI8N-IL1-X	IC		
IC3901	SI-8011NVS-X	IC		
IC3902	PQ1CY1032Z-W	IC		
IC3903	LM2941S-W	IC		
IC3904	LM2991S-W	IC		
IC3905	BA05FP-X	IC		
IC3906	PQ20WZ11-X	IC		
Q3161	CPH3116-X	CHIP TRANSISTOR		
Q3261	CPH3116-X	CHIP TRANSISTOR		
Q3361	CPH3116-X	CHIP TRANSISTOR		
Q3702	DTC114EKA-X	DIGI TRANSISTOR		
Q3901	UPA2751GR-X	POWER MOS FET		
Q3902	DTC114EKA-X	DIGI TRANSISTOR		
Q3903	DTC114EKA-X	DIGI TRANSISTOR		
Q3904	2SC2412K/QR/-X	TRANSISTOR		
D3001	MAZC062D-W	CHIP DIODE		
D3161	MA3056/M/-X	Z DIODE		
D3261	MA3056/M/-X	Z DIODE		
D3361	MA3056/M/-X	Z DIODE		
D3701	MAZC062D-W	CHIP DIODE		
D3702	MAZC062D-W	CHIP DIODE		
D3703	MAZC062D-W	CHIP DIODE		
D3704	MAZC062D-W	CHIP DIODE		
D3705	MAZC062D-W	CHIP DIODE		
D3706	MAZC062D-W	CHIP DIODE		
D3707	MAZC062D-W	CHIP DIODE		
D3741	MAZC062D-W	CHIP DIODE		
D3742	MAZC062D-W	CHIP DIODE		
D3901	MA111-X	SI DIODE		
D3902	EC30HA03L-X	SB DIODE		
D3903	PTZ3.9B-X	Z DIODE		
D3931	EC30HA03L-X	SB DIODE		
D3932	EC30HA03L-X	SB DIODE		
D3933	PTZ6.8B-X	Z DIODE		
C3001	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3003	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3005	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3091	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3104	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3108	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3109	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3110	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3113	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3121	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3122	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3123	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3124	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3125	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3126	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3127	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3128	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3129	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3130	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3131	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3132	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3141	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3142	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3143	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3144	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3145	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3146	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3147	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3148	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3149	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3150	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3151	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3152	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3161	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3162	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3163	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3164	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3165	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3166	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3167	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3168	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C3171	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3172	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3191	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3192	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3193	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3195	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3196	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3197	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3198	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3199	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3201	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3202	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C3203	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C3204	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3205	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3206	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3208	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3209	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3210	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3211	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3212	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3213	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3221	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3222	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3223	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3224	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3225	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3226	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3227	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3228	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3229	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3230	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3231	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3232	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3241	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3242	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3243	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3244	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3245	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3246	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3247	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3248	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3249	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3250	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3251	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3252	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3261	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3262	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3263	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3264	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3265	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3266	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3267	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3268	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C3271	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3272	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3291	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3292	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3293	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3295	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3296	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3297	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3298	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3299	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3304	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3305	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3306	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3308	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3309	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3310	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3311	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3312	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3313	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3321	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3323	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3324	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3325	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3326	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3327	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3328	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3329	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3330	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3331	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3332	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3341	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3342	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3343	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3344	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3345	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3346	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3347	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3348	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3349	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3350	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3351	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3352	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3361	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3362	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3363	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3364	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3365	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3366	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3367	NCB21AK-105X	C CAPACITOR	1uF 10V K	
C3368	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3371	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3372	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3391	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3392	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3393	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3395	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3396	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3397	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3398	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3399	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3701	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3702	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3703	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3704	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3706	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J	
C3707	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J	
C3708	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3709	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3741	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3742	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3743	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3801	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3803	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3805	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3806	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3807	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3808	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3810	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3811	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3812	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3813	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3815	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3817	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3821	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3822	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3823	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3824	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3825	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3826	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3871	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3891	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3892	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3893	NBE50JM-107X	TA E CAPACITOR	100uF 6.3V M	
C3894	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3901	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3902	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3903	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3904	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3905	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C3906	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3907	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C3908	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C3909	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3910	NCB11AK-475X	C CAPACITOR	4.7uF 10V K	
C3911	NBZ0010-396X	SP E CAPACITOR	39uF 16V M	
C3912	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3913	NEH90JM-476X	E CAPACITOR	47uF 6.3V M	
C3931	NBZ0010-396X	SP E CAPACITOR	39uF 16V M	
C3932	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3933	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3934	NEZ0022-157X	E CAPACITOR	150uF 10V M	
C3936	NEH91CM-476X	E CAPACITOR	47uF 16V M	
C3951	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3952	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3953	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3954	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3958	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3959	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3960	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3961	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3965	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3966	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3967	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3968	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3969	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3970	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3971	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3972	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C3973	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R3001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3007	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3008	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3009	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R3022	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3025	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3029	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3030	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3032	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3103	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3104	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3105	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3106	NRVA63D-121X	CMF RESISTOR	120Ω 1/16W D	
R3107	NRVA63D-181X	CMF RESISTOR	180Ω 1/16W D	
R3111	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3113	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3117	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3119	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3121	NQR0271-001X	EMI FILTEROR		
R3122	NQR0271-001X	EMI FILTEROR		
R3123	NQR0271-001X	EMI FILTEROR		
R3124	NQR0271-001X	EMI FILTEROR		
R3125	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3129	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3130	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3131	NQR0271-001X	EMI FILTEROR		
R3132	NQR0271-001X	EMI FILTEROR		
R3133	NQR0271-001X	EMI FILTEROR		
R3134	NQR0271-001X	EMI FILTEROR		
R3135	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3145	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3146	NRVA63D-181X	CMF RESISTOR	180Ω 1/16W D	
R3147	NRVA63D-121X	CMF RESISTOR	120Ω 1/16W D	
R3151	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3152	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3153	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3154	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3164	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3167	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3168	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3169	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3170	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3171	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3173	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3174	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3181	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3182	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3183	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3184	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3185	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3186	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3187	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3188	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3189	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3190	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3191	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3192	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3196	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3197	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3198	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3199	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3201	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R3202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3203	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3204	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3205	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3206	NRVA63D-121X	CMF RESISTOR	120Ω 1/16W D	
R3207	NRVA63D-181X	CMF RESISTOR	180Ω 1/16W D	
R3210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3211	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3212	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3213	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3215	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3217	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3221	NQR0271-001X	EMI FILTEROR		
R3222	NQR0271-001X	EMI FILTEROR		
R3223	NQR0271-001X	EMI FILTEROR		
R3224	NQR0271-001X	EMI FILTEROR		
R3225	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3226	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3227	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3228	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3229	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3230	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3231	NQR0271-001X	EMI FILTEROR		
R3232	NQR0271-001X	EMI FILTEROR		
R3233	NQR0271-001X	EMI FILTEROR		
R3234	NQR0271-001X	EMI FILTEROR		
R3237	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3241	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3242	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3243	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3244	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3245	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3246	NRVA63D-181X	CMF RESISTOR	180Ω 1/16W D	
R3247	NRVA63D-121X	CMF RESISTOR	120Ω 1/16W D	
R3251	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3252	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3253	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3254	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3255	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3256	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3257	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3261	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3262	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3263	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3264	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3265	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3266	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3267	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3268	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3269	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3270	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3271	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3273	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3274	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3281	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3282	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3283	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3284	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3285	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3286	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3287	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3288	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3289	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3290	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3291	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3292	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3296	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3297	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3298	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3299	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3302	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3303	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3304	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3305	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3306	NRVA63D-121X	CMF RESISTOR	120Ω 1/16W D	
R3307	NRVA63D-181X	CMF RESISTOR	180Ω 1/16W D	
R3311	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3313	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3314	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3315	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3317	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3318	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3319	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3321	NQR0271-001X	EMI FILTEROR		
R3322	NQR0271-001X	EMI FILTEROR		
R3323	NQR0271-001X	EMI FILTEROR		
R3324	NQR0271-001X	EMI FILTEROR		
R3325	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3327	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3328	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3329	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3330	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3331	NQR0271-001X	EMI FILTEROR		
R3332	NQR0271-001X	EMI FILTEROR		
R3333	NQR0271-001X	EMI FILTEROR		
R3334	NQR0271-001X	EMI FILTEROR		
R3335	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3337	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3341	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3342	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3343	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3344	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3345	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3346	NRVA63D-181X	CMF RESISTOR	180Ω 1/16W D	
R3347	NRVA63D-121X	CMF RESISTOR	120Ω 1/16W D	
R3351	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3352	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3353	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3354	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3361	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3362	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3363	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3364	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3365	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3366	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3367	NRVA63D-103X	CMF RESISTOR	10kΩ 1/16W D	
R3368	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3369	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3370	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3371	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3373	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3374	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3381	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3382	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3383	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3384	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3385	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3386	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3387	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3388	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3389	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3390	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3391	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3392	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3396	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3397	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3398	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3399	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3704	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R3705	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3706	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R3707	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3708	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3709	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3710	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R3711	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3713	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3714	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3715	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3716	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3717	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3719	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3721	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3722	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3725	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3726	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3727	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3728	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3730	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3731	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3741	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3742	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3743	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3744	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3745	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3746	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3747	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3748	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3749	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3750	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3751	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3801	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3802	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3803	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3804	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3805	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3806	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3807	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3808	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3809	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3810	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3811	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3812	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R3821	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3822	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3823	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3824	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3827	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3828	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3830	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3832	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3833	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3834	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3835	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3836	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3838	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3901	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3902	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R3903	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R3904	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
R3905	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R3906	NRVA63D-222X	CMF RESISTOR	2.2kΩ 1/16W D	
R3908	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R3909	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3910	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R3911	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J	
R3912	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R3913	NRZ0075-R005X	MP RESISTOR	0.005Ω 1W J	
R3917	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R3918	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3931	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3932	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3933	NRVA63D-122X	CMF RESISTOR	1.2kΩ 1/16W D	
R3934	NRVA63D-822X	CMF RESISTOR	8.2kΩ 1/16W D	
R3935	NRVA63D-332X	CMF RESISTOR	3.3kΩ 1/16W D	
R3939	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3951	NRVA63D-391X	CMF RESISTOR	390Ω 1/16W D	
R3952	NRVA63D-332X	CMF RESISTOR	3.3kΩ 1/16W D	
R3953	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3954	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3957	NRVA63D-392X	CMF RESISTOR	3.9kΩ 1/16W D	
R3958	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R3959	NRVA63D-102X	CMF RESISTOR	1kΩ 1/16W D	
R3960	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3968	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3969	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3970	NRVA63D-202X	CMF RESISTOR	2kΩ 1/16W D	
R3971	NRVA63D-471X	CMF RESISTOR	470Ω 1/16W D	
R3972	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R3975	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3976	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3977	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3978	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3979	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R3981	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J	
R3982	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J	
R3983	NRS12BJ-471W	MG RESISTOR	470Ω 1/2W J	
R3984	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3985	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3986	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3987	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3988	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3989	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3990	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3991	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3992	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3993	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3994	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3995	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3996	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3997	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3998	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3999	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L3701	NQL024J-2R2X	CHIP P COIL	2.2uH J	
L3901	NQL51EM-100X	COIL	10uH M	
L3902	NQL52EN-4R7X	COIL	4.7uH N	
L3931	NQL63EM-101X	COIL	100uH M	
L3932	NQL52EN-4R7X	COIL	4.7uH N	
CN302	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
CN303	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
CN304	QGF0401F1-80W	CONNECTOR	FFC/FPC (1-80)	
K3091	NQR0350-001X	FERRITE BEADS		
K3093	NQR0350-001X	FERRITE BEADS		
K3191	NQR0350-001X	FERRITE BEADS		
K3192	NQR0350-001X	FERRITE BEADS		
K3193	NQR0350-001X	FERRITE BEADS		
K3194	NQR0350-001X	FERRITE BEADS		
K3291	NQR0350-001X	FERRITE BEADS		
K3292	NQR0350-001X	FERRITE BEADS		

⚠Ref No.	Part No.	Part Name	Description	Local
K3293	NQR0350-001X	FERRITE BEADS		
K3294	NQR0350-001X	FERRITE BEADS		
K3391	NQR0350-001X	FERRITE BEADS		
K3392	NQR0350-001X	FERRITE BEADS		
K3393	NQR0350-001X	FERRITE BEADS		
K3394	NQR0350-001X	FERRITE BEADS		
K3701	NQR0350-001X	FERRITE BEADS		
K3741	NQR0350-001X	FERRITE BEADS		
K3742	NQR0350-001X	FERRITE BEADS		
K3743	NQR0350-001X	FERRITE BEADS		
K3744	NQR0350-001X	FERRITE BEADS		
K3891	NQR0350-001X	FERRITE BEADS		
X3201	NAX0673-001X	CRYSTAL		
X3701	NAX0672-001X	CRYSTAL		

REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC8001	GP1UM281QK	IR DETECT UNIT	38kHz	
D8001	MA8068-X	Z DIODE		
C8001	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8002	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
CN800R	WJK0174-001A	E-SI C WIRE C-B		

FAN CONTROL P.W. BOARD ASS'Y (SRP-8105A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC8001	LM2941S-W	IC		
IC8002	PQ20WZ11-X	IC		
IC8003	PQ20WZ11-X	IC		
IC8005	SN74HC32NS-X	IC (DIGITAL)		
Q8001	2SC2412K/QR/-X	TRANSISTOR		
Q8002	2SC2412K/QR/-X	TRANSISTOR		
Q8003	2SC2412K/QR/-X	TRANSISTOR		
D8001	MAZC062D-W	CHIP DIODE		
D8002	MAZC062D-W	CHIP DIODE		
D8003	MAZC062D-W	CHIP DIODE		
C8001	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C8002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8003	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C8004	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8008	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8009	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8010	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C8011	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8018	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8020	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C8021	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8031	NEH71CM-106X	E CAPACITOR	10uF 16V M	
R8001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8002	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8003	NRSA63D-182X	MG RESISTOR	1.8kΩ 1/16W D	
R8004	NRSA63D-681X	MG RESISTOR	680Ω 1/16W D	
R8005	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8006	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R8007	NRS12BJ-101W	MG RESISTOR	100Ω 1/2W J	
R8011	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8012	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8013	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R8014	NRSA63D-562X	MG RESISTOR	5.6kΩ 1/16W D	
R8015	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R8016	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	

⚠Ref No.	Part No.	Part Name	Description	Local
R8021	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8022	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8023	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8024	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R8025	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R8026	NRSA63D-202X	MG RESISTOR	2kΩ 1/16W D	
R8041	NRZ0040-103X	NET RESISTOR	10kΩ 1/16W J x4	
R8042	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8205A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC2001	LM75CIM-5-X	IC		
D2001	MAZC062D-W	CHIP DIODE		
C2002	NCB21CK-105X	C CAPACITOR	1uF 16V K	
R2001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
K2001	NQR0350-001X	FERRITE BEADS		

SUB DRIVE P.W. BOARD ASS'Y (SRP-8405A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC4001	THC63LVDF84B-W	IC		
IC4002	THC63LVDM83R-W	IC		
IC4101	XC2S100E6FT256C	IC		
IC4102	XCF01VO20CP01-X	IC		
IC4103	K4S643232H-TC60	IC		
IC4103	HY57643220CT7	IC		
IC4104	R1170H181B-X	IC		
C4001	NEH70JM-107X	E CAPACITOR	100uF 6.3V M	
C4002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4011	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C4012	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4014	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4017	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4021	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C4022	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4024	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4026	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4027	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4028	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4102	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4103	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4104	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4108	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4109	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4110	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4113	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4117	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4118	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4119	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4120	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4121	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4122	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4123	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4124	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4125	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4126	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4127	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4128	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4129	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4130	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4131	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4132	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4133	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4134	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4135	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4136	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4137	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4141	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4142	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4143	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4144	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4151	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C4152	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4153	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4154	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4155	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4156	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4157	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4158	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4159	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4160	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4161	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4162	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4163	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4164	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4171	NEH71CM-476X	E CAPACITOR	47uF 16V M	
C4172	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4173	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C4174	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4175	NBE50JM-107X	TA E CAPACITOR	100uF 6.3V M	
C4176	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4177	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4185	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C4186	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R4001	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R4011	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R4012	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R4013	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R4014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4018	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4019	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R4021	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R4022	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R4023	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R4024	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R4025	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4031	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R4032	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R4033	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	
R4034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4038	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R4040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4045	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4047	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4048	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R4105	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4106	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R4108	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4109	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R4116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4117	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4119	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R4121	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4122	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R4123	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4124	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R4131	NRZ0040-100X	NET RESISTOR	10Ω 1/16W J x4	
R4132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4133	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4135	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4139	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4140	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4150	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4152	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R4165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4167	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R4168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L4001	NQL52EN-4R7X	COIL	4.7uH N	
K4011	NQR0413-003X	FERRITE BEADS		
K4012	NQR0504-001X	EMI FILTER		
K4013	NQR0504-001X	EMI FILTER		
K4014	NQR0504-001X	EMI FILTER		
K4021	NQR0413-003X	FERRITE BEADS		
K4022	NQR0504-001X	EMI FILTER		
K4023	NQR0504-001X	EMI FILTER		
K4024	NQR0504-001X	EMI FILTER		
K4101	NQR0413-003X	FERRITE BEADS		
K4102	NQR0413-003X	FERRITE BEADS		
K4103	NQR0413-003X	FERRITE BEADS		
K4104	NQR0413-003X	FERRITE BEADS		
K4105	NQR0413-003X	FERRITE BEADS		
K4107	NQR0413-003X	FERRITE BEADS		
X4101	NAX0587-001X	CXO	54.0000MHz	

POWER P.W. BOARD ASS'Y
(SRP-9005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9141	BA05FP-X	IC		
⚠IC9211	MC33262D-X	IC		
IC9501	STR-W6765-F5	IC		
Q9021	UN2211-X	TRANSISTOR		
⚠Q9211	2SK3522-01-F1	POWER MOS FET		
Q9212	2SC3928A/QR/-X	TRANSISTOR		
Q9213	IMD3A-W	TRANSISTOR		
Q9215	2SC3928A/QR/-X	TRANSISTOR		
Q9251	UN2213-X	DIGI TRANSISTOR		
Q9252	UN2213-X	DIGI TRANSISTOR		
Q9301	2SC4682-T	TRANSISTOR		
D9001	MA3047/H/-X	Z DIODE		
D9021	MA111-X	SI DIODE		
D9111	S1WB/A/60-4101	BRIDGE DIODE		
⚠D9201	D25XB60	BRIDGE DIODE		
D9202	MA111-X	SI DIODE		
⚠D9211	YG972S6R	SI DIODE		
D9213	MA111-X	SI DIODE		
D9214	MA111-X	SI DIODE		
D9251	MA3068/M/-X	Z DIODE		
D9252	MA111-X	SI DIODE		
D9253	MA111-X	SI DIODE		
D9254	D1FL20U-X	SI DIODE		
D9301	MTZJ16C-T2	Z DIODE		
D9501	SARS01-T2	SI DIODE		
D9502	SARS01-T2	SI DIODE		
D9503	RGP10J-04TS-T3	SI DIODE		
D9504	D1FS4-X	SB DIODE		
D9505	RD33E/B1/-T2	Z DIODE		
D9506	D1FL20U-X	SI DIODE		
D9507	MA111-X	SI DIODE		
D9510	MA111-X	SI DIODE		
D9511	D1FS4-X	SB DIODE		
D9512	D1FL20U-X	SI DIODE		
D9514	RD12E/B2/-T5	Z DIODE		
D9551	RU3YX-LFC4	SI DIODE		
D9552	RU3YX-LFC4	SI DIODE		
D9553	FME-220A	SB DIODE		
D9554	RGP10J-04TS-T3	SI DIODE		
D9555	RD33E/B1/-T2	Z DIODE		
D9556	RGP10J-04TS-T3	SI DIODE		
D9701	UTCTL431-T	IC		
⚠C9001	QFZ9075-105	MPP CAPACITOR	1uF AC275V M	
⚠C9002	QFZ9075-105	MPP CAPACITOR	1uF AC275V M	
⚠C9011	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9013	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9101	QCZ9078-472	C CAPACITOR	4700pF AC250V M	
⚠C9102	QCZ9078-472	C CAPACITOR	4700pF AC250V M	
⚠C9103	QCZ9078-472	C CAPACITOR	4700pF AC250V M	
C9111	QEHQ2GM-226	E CAPACITOR	22uF 400V M	
C9141	QTMN1CM-477Z	E CAPACITOR	470uF 16V M	
C9142	QEHR1AM-337Z	E CAPACITOR	330uF 10V M	
C9143	QEHR1CM-107Z	E CAPACITOR	100uF 16V M	
⚠C9198	QCZ9079-472	C CAPACITOR	4700pF AC250V M	
⚠C9201	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
⚠C9203	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
⚠C9204	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
⚠C9205	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
C9211	QFZ0213-155	MM CAPACITOR	1.5uF 400V K	
C9212	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9213	NCB21CK-684X	C CAPACITOR	0.68uF 16V K	
C9214	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C9215	QEHR1VM-476Z	E CAPACITOR	47uF 35V M	
C9216	QEZ0650-227	E CAPACITOR	220uF 450V M	
C9217	QCZ0340-102	C CAPACITOR	1000pF 2kV K	
C9218	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9219	QCZ0122-471	C CAPACITOR	470pF 2kV K	
C9251	QETN1HM-107Z	E CAPACITOR	100uF 50V M	
C9252	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C9301	QETN1EM-226Z	E CAPACITOR	22uF 25V M	
C9501	QFP32JK-332	PP CAPACITOR	3300pF 630V K	
C9503	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C9504	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C9505	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C9506	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9507	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C9508	QCZ0340-471	C CAPACITOR	470pF 2kV K	
C9510	QEHR1HM-107Z	E CAPACITOR	100uF 50V M	
C9511	QEHR1HM-107Z	E CAPACITOR	100uF 50V M	
C9553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9555	QECQ1EM-188	E CAPACITOR	1800uF 25V M	
C9556	QECQ1EM-188	E CAPACITOR	1800uF 25V M	
C9557	QECQ1EM-188	E CAPACITOR	1800uF 25V M	
C9559	QEHR2AM-106Z	E CAPACITOR	10uF 100V M	
C9560	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9562	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M	
C9563	QETM1HM-108	E CAPACITOR	1000uF 50V M	
C9564	QETM1HM-108	E CAPACITOR	1000uF 50V M	
C9565	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9566	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9567	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9568	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9569	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9703	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
⚠R9001	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
R9003	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J	
R9004	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J	
R9005	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R9021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9101	QRZ0216-4R7	UNF WW RESISTOR	4.7Ω 7W K	
R9141	QRX01GJ-1R0	MF RESISTOR	1Ω 1W J	
R9142	QRX01GJ-R82	MF RESISTOR	0.82Ω 1W J	
R9148	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9201	QRZ0121-200	UNF WW RESISTOR	20Ω 5W J	
R9203	QRG01GJ-181	OMF RESISTOR	180Ω 1W J	
R9211	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9212	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9213	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9214	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9215	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R9216	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9217	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9218	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9219	NRS12BJ-223W	MG RESISTOR	22kΩ 1/2W J	
R9220	QRM059J-R15	MP RESISTOR	0.15Ω 5W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R9221	QRM059J-R27	MP RESISTOR	0.27Ω 5W J	
R9222	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9223	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9224	NRS12BJ-394W	MG RESISTOR	390kΩ 1/2W J	
R9225	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9226	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J	
R9227	NRS12BJ-394W	MG RESISTOR	390kΩ 1/2W J	
R9228	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9233	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9236	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J	
R9237	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9251	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9253	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R9254	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9255	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9256	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9302	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9501	QRL039J-104	OMF RESISTOR	100kΩ 3W J	
R9502	QRL039J-333	OMF RESISTOR	33kΩ 3W J	
R9503	QRE121J-394Y	C RESISTOR	390kΩ 1/2W J	
R9504	QRE121J-394Y	C RESISTOR	390kΩ 1/2W J	
R9505	QRL039J-220	OMF RESISTOR	22Ω 3W J	
⚠R9506	QRZ9017-120	FUSI RESISTOR	12Ω 1/4W J	
R9507	NRS12BJ-100W	MG RESISTOR	10Ω 1/2W J	
R9508	NRS12BJ-122W	MG RESISTOR	1.2kΩ 1/2W J	
R9510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9511	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J	
R9512	QRX01GJ-R39	MF RESISTOR	0.39Ω 1W J	
R9514	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
⚠R9515	QRZ9017-4R7	FUSI RESISTOR	4.7Ω 1/4W J	
R9516	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9551	QRT039J-R47	MF RESISTOR	0.47Ω 3W J	
R9552	QRT039J-R47	MF RESISTOR	0.47Ω 3W J	
R9553	QRL029J-331	OMF RESISTOR	330Ω 2W J	
R9554	QRG01GJ-222	OMF RESISTOR	2.2kΩ 1W J	
R9559	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	
R9701	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9705	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R9706	NRSA63D-123X	MG RESISTOR	12kΩ 1/16W D	
R9707	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
⚠R9991	QRZ0107-685Z	C RESISTOR	6.8MΩ 1/2W K	
L9141	QQL26AK-470Z	CHOKE COIL	47uH K	
L9201	QQR1468-001	CHOKE COIL		
⚠T9121	QAL0425-001	POWER TRANSF		
⚠T9501	QQS0276-001	SW TRANSF		
CN90E1	QUB130-42FXZA	SIN TWIST WIRE		
⚠CP9121	QMFZ052-2R0-E	FUSE	2A AC250V	
⚠CP9211	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠CP9554	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠CP9555	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠CP9556	ICP-N70-T	IC PROTECTOR	2.5A	
⚠CP9557	ICP-N70-T	IC PROTECTOR	2.5A	
⚠F9001	QMF51D2-6R3-J1	FUSE	6.3A AC250V	
⚠H9211	LC32697-001A	HEAT SINK/AL-F/		
H9501	LC32528-001A	HEAT SINK/AL-F/		
H9553	LC32528-001A	HEAT SINK/AL-F/		
K9111	QQR0582-001Z	FERRITE BEADS		
K9211	QQR0621-002Z	FERRITE BEADS		
K9212	QQR0621-002Z	FERRITE BEADS		
K9501	QQR0621-002Z	FERRITE BEADS		
K9502	QQR0621-002Z	FERRITE BEADS		
K9551	QQR0621-002Z	FERRITE BEADS		
K9552	QQR0621-002Z	FERRITE BEADS		
K9553	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
K9554	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
K9555	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
K9556	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
K9557	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
⚠LF9001	QQR1542-001	LINE FILTER		
⚠LF9002	QQR1466-001	LINE FILTER		
⚠LF9003	QQR1467-001	LINE FILTER		
⚠PC9001	PC123Y22	PHOTO COUPLER		
⚠PC9501	PC123Y22	PHOTO COUPLER		
⚠RY9021	QSK0119-001	RELAY		
⚠RY9201	QSK0117-001	RELAY		
⚠VA9001	ERZV10V621CS	ZNR		

DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D007A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	MT46V2M32V1LG55	IC		
IC3502	MT46V2M32V1LG55	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV01-52Z585	IC	(SERVICE)	
IC4004	AT24C256-52Z575	IC	(SERVICE)	
IC4005	SN74LVC1G08V-X	IC		
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KPA	IC(MCU)		
IC7002	AT24C25652Z575D	IC	(SERVICE)	
IC7401	S-80828CLNB-W	IC		
IC7601	M306V7MG-088FP	IC(MCU)		
IC7602	AT24C16-52Z575	IC	(SERVICE)	
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC8001	SII9993CTG100	IC		
IC8002	S-24C02BFJ-X	IC		
IC8003	S-24C02BFJ-X	IC		
IC8004	SN74AHCT04PW-X	IC		
IC8005	S-80828CLNB-W	IC		
IC8006	TC74HC4066AFT-X	IC(DIGITAL)		
IC8008	AK4384VT-X	IC		
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q8002	2SK1228-X	MOS FET		
Q8003	2SK1228-X	MOS FET		
Q8004	DTC363TK-X	DIGI TRANSISTOR		
Q8005	UN2113-X	DIGI TRANSISTOR		
Q8006	UN2213-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		

⚠Ref No.	Part No.	Part Name	Description	Local
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	MA111-X	SI DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7204	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7601	MA111-X	SI DIODE		
D8001	BAV99L-X	SI DIODE		
D8002	BAV99L-X	SI DIODE		
D8003	NAF0013-001X	ESD-SURPPRESSOR		
D8004	NAF0013-001X	ESD-SURPPRESSOR		
D8005	NAF0013-001X	ESD-SURPPRESSOR		
D8006	NAF0013-001X	ESD-SURPPRESSOR		
D8007	NAF0013-001X	ESD-SURPPRESSOR		
D8008	NAF0013-001X	ESD-SURPPRESSOR		
D8009	NAF0013-001X	ESD-SURPPRESSOR		
D8010	NAF0013-001X	ESD-SURPPRESSOR		
D8016	MA111-X	SI DIODE		
D8017	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0303	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C0507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0514	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0515	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1502	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3097	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7026	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7027	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7614	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7615	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C7617	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C8001	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8002	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8004	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8007	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8009	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8012	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8017	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8019	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8021	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8025	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8028	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8031	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8033	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8035	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8037	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C8038	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8039	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8040	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8043	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8044	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8046	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8048	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8050	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8053	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8054	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C8104	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8105	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8106	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8113	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8114	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8115	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8118	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8119	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8120	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9008	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9010	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9012	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C9112	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9208	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9210	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	

⚠Ref No.	Part No.	Part Name	Description	Local
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7053	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7055	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7061	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7073	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7663	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8004	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8005	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8010	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R8011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8012	NRSA63D-820X	MG RESISTOR	82Ω 1/16W D	
R8014	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R8015	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8016	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8017	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8018	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8019	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8020	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8023	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8028	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8032	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8036	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8067	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8069	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8070	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8071	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8072	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8079	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8080	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R8081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8083	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8084	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8090	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R8091	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8093	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8095	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9007	NQR0413-003X	FERRITE BEADS		
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9107	NQR0413-003X	FERRITE BEADS		
R9108	NQR0413-003X	FERRITE BEADS		
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9203	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NQR0413-003X	FERRITE BEADS		
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0101	NQL092K-2R2X	COIL	2.2uH K	
L0201	NQL092K-2R2X	COIL	2.2uH K	
L0301	NQL092K-2R2X	COIL	2.2uH K	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NQR0489-002X	FERRITE BEADS		
L1002	NQR0489-002X	FERRITE BEADS		

⚠Ref No.	Part No.	Part Name	Description	Local
L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1006	NQR0489-002X	FERRITE BEADS		
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	COIL	1uH K	
L1201	NQL092K-6R8X	COIL	6.8uH K	
L1203	NQL092K-1R0X	COIL	1uH K	
L1301	NQL092K-6R8X	COIL	6.8uH K	
L1303	NQL092K-1R0X	COIL	1uH K	
L1401	NQL092K-6R8X	COIL	6.8uH K	
L1403	NQL092K-1R0X	COIL	1uH K	
L1501	NQL092K-4R7X	COIL	4.7uH K	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NQR0413-003X	FERRITE BEADS		
L3006	NQR0413-003X	FERRITE BEADS		
L3007	NQR0413-003X	FERRITE BEADS		
L3008	NQR0413-003X	FERRITE BEADS		
L3009	NQR0413-003X	FERRITE BEADS		
L3010	NQR0413-003X	FERRITE BEADS		
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NQR0413-003X	FERRITE BEADS		
L3501	NQR0413-003X	FERRITE BEADS		
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NQR0413-003X	FERRITE BEADS		
L4003	NQR0413-003X	FERRITE BEADS		
L6501	NQR0351-001X	FERRITE BEADS		
L6508	NQR0504-001X	EMI FILTER		
L6509	NQR0504-001X	EMI FILTER		
L6510	NQR0504-001X	EMI FILTER		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L8009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8014	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8018	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINKIII	
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NQR0489-002X	FERRITE BEADS		
K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0501	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0502	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0504	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0506	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0507	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0508	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0514	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0515	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0516	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0517	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0518	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0524	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC7007	NQR0479-001X	EMI FILTER		
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3003	NAX0668-001X	CXO		
X4001	NAX0669-001X	C RESONATOR		
X7601	NAX0613-001X	C RESONATOR		

REAR JACK P.W. BOARD ASS'Y
(SRP0J005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC2081	TPS855	PHOTO CONDUCTOR		
D2001	MA8100/M/-X	Z DIODE		
D2002	MA8100/M/-X	Z DIODE		
D2004	MA8100/M/-X	Z DIODE		
D2005	MA8100/M/-X	Z DIODE		
D2006	MA8100/M/-X	Z DIODE		
D2007	MA8100/M/-X	Z DIODE		
D2008	MA8100/M/-X	Z DIODE		
D2010	MA8100/M/-X	Z DIODE		
D2011	MA8100/M/-X	Z DIODE		
D2012	MA8100/M/-X	Z DIODE		
D2013	MA8100/M/-X	Z DIODE		
D2014	MA8100/M/-X	Z DIODE		
D2015	MA8100/M/-X	Z DIODE		
D2016	MA8100/M/-X	Z DIODE		
D2017	MA8100/M/-X	Z DIODE		
D2081	MA8033-X	Z DIODE		
D2201	MA8100/M/-X	Z DIODE		
D2202	MA8100/M/-X	Z DIODE		
D2203	MA8100/M/-X	Z DIODE		
D2205	MA8100/M/-X	Z DIODE		
D2206	MA8100/M/-X	Z DIODE		
D2207	MA8100/M/-X	Z DIODE		
C2001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2002	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2004	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2005	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2006	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2007	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2008	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2010	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2011	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2012	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2013	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2014	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2015	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2081	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C2082	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2083	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2084	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2201	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C2202	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C2203	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C2204	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C2205	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C2206	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C2213	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2214	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
R2001	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2002	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2003	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2004	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2005	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2006	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2007	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2008	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2009	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2010	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2011	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2012	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2013	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2056	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2057	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2081	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2202	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2203	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2204	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2207	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2208	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2209	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2210	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2212	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2213	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R2214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2216	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R2217	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2218	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2219	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
J2001	QNZ0484-001	AV JACK	S/V/L/R IN	
J2002	QNN0646-001	PIN JACK	COMP IN	
J2003	QNN0644-001	PIN JACK	V/L/R IN	
J2004	QNN0641-001	PIN JACK	CNTER CH IN/AUDIO IN	
J2007	QNN0645-001	PIN JACK	SUB WOOFER OUT/AUDIO OUT	

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
D0402	MA8100/M/-X	Z DIODE		
D0403	MA8100/M/-X	Z DIODE		
D0404	MA8100/M/-X	Z DIODE		
D0405	MA8100/M/-X	Z DIODE		
D0406	MA8100/M/-X	Z DIODE		
D0435	MA8100/M/-X	Z DIODE		
C0442	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C0443	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C0444	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C0445	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C0446	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C0447	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
R0401	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R0402	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R0403	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R0404	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R0405	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R0432	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0541	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R0542	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R0543	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
J0401	QNZ0438-001	AV JACK	S/V/L/R/ IN	
S0501	QSW0619-003Z	TACT SWITCH	VOL+	
S0502	QSW0619-003Z	TACT SWITCH	VOL-	
S0503	QSW0619-003Z	TACT SWITCH	MENU	
S0504	QSW0619-003Z	TACT SWITCH	CH+	
S0505	QSW0619-003Z	TACT SWITCH	CH-	

FRONT LED P.W. BOARD ASS'Y (SRP0L105A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
Q0701	2SC3928A/QR/-X	TRANSISTOR		
Q0702	2SC3928A/QR/-X	TRANSISTOR		
Q0704	2SC3928A/QR/-X	TRANSISTOR		
Q0705	2SC3928A/QR/-X	TRANSISTOR		
Q0706	2SC3928A/QR/-X	TRANSISTOR		
Q0707	2SC3928A/QR/-X	TRANSISTOR		
D0701	SELU5E20C	LED	POWER	
D0703	MA8068-X	Z DIODE		
D0704	MA8068-X	Z DIODE		
D0705	LE22440	LED	LAMP	
D0706	MA8068-X	Z DIODE		
D0707	MA8068-X	Z DIODE		
C0701	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C0702	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
R0706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0707	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0708	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0709	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0710	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0711	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R0712	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0713	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0714	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0715	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R0716	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
S0701	QSW0619-003Z	TACT SWITCH	POWER	

LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
CN0CSW	WJK0173-001A	E-SI C WIRE C-B		
S0201	QSW1064-001	DETECT SWITCH		

RECEIVER P.W. BOARD ASS'Y (SRP0R005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1140	CXA2205Q-X	IC		
IC1221	M62320FP-X	IC		
IC1250	RC4558D-X	IC		
IC1251	RC4558D-X	IC		
IC1252	CD4066BE	IC		
IC1621	LM393DR-X	IC		
IC1641	NJM2150AM-X	IC		
IC1661	TDA8925ST/N1	IC		
IC6001	NJM2701M-X	IC		
Q1101	2SA1530A/QR/-X	TRANSISTOR		
Q1102	2SC3928A/QR/-X	TRANSISTOR		
Q1221	2SC3928A/QR/-X	TRANSISTOR		
Q1250	2SC3928A/QR/-X	TRANSISTOR		
Q1251	2SA1530A/QR/-X	TRANSISTOR		
Q1252	2SA1530A/QR/-X	TRANSISTOR		
Q1253	2SC3928A/QR/-X	TRANSISTOR		
Q1254	2SA1530A/QR/-X	TRANSISTOR		
Q1255	2SC3928A/QR/-X	TRANSISTOR		
Q1256	UN2212-X	DIGI TRANSISTOR		
Q1257	UN2212-X	DIGI TRANSISTOR		
Q1291	2SK1374-X	MOS FET		
Q1292	2SK1374-X	MOS FET		
Q1661	UN2112-X	DIGI TRANSISTOR		
Q1662	2SC3928A/QR/-X	TRANSISTOR		
Q1663	UN2212-X	DIGI TRANSISTOR		
Q1672	2SC3928A/QR/-X	TRANSISTOR		
Q1673	2SA1530A/QR/-X	TRANSISTOR		
Q6001	2SC3928A/QR/-X	TRANSISTOR		
Q6002	2SC3928A/QR/-X	TRANSISTOR		
D1140	MA8100/M/-X	Z DIODE		
D1141	MA8100/M/-X	Z DIODE		
D1223	MA111-X	SI DIODE		
D1250	MA8100/M/-X	Z DIODE		
D1251	MA8100/M/-X	Z DIODE		
D1252	MA8100/M/-X	Z DIODE		
D1253	MA111-X	SI DIODE		
D1663	MA8033-X	Z DIODE		
D1667	MA111-X	SI DIODE		
D1668	MA111-X	SI DIODE		
D1669	MA111-X	SI DIODE		
D1671	MA8200-X	Z DIODE		
D1672	MA8200-X	Z DIODE		
D1673	MA8200-X	Z DIODE		
D1674	MA8200-X	Z DIODE		
C1101	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C1103	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1144	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1145	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C1146	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C1147	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1148	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1149	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C1150	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1151	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1152	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1153	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C1154	NCB31HK-123X	C CAPACITOR	0.012uF 50V K	
C1155	QETN1HM-105Z	E CAPACITOR	1uF 50V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C1156	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1157	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1158	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1159	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1160	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1161	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1162	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1163	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C1164	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C1165	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M	
C1166	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1167	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1168	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1169	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1170	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1171	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1172	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1221	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1222	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1250	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1251	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	
C1252	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1253	NCB31HK-183X	C CAPACITOR	0.018uF 50V K	
C1254	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1255	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C1256	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C1257	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1258	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1259	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1260	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1261	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1262	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1263	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1291	QCS31HJ-100Z	C CAPACITOR	10pF 50V J	
C1292	QCS31HJ-100Z	C CAPACITOR	10pF 50V J	
C1621	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1622	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1623	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1624	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1625	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1626	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1627	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1628	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1629	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1630	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1631	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1632	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1633	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C1641	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C1642	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C1643	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C1645	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1646	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1647	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1648	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1651	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C1652	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C1653	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C1661	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C1662	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C1663	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1664	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1665	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1666	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1667	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1668	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1669	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C1670	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C1671	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C1672	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1673	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1674	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1675	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1676	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1677	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1678	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C1679	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C1680	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C1681	NDC31HJ-561X	C CAPACITOR	560pF 50V J	
C1682	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1683	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1684	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1685	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1686	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1687	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C1696	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1697	QETN1EM-476Z	E CAPACITOR	47uF 25V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C1698	QFVF1HJ-105Z	MF CAPACITOR	1uF 50V J	
C1699	QFVF1HJ-105Z	MF CAPACITOR	1uF 50V J	
C6001	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C6002	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C6003	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6004	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6005	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C6006	NCB31CK-273X	C CAPACITOR	0.027uF 16V K	
C6007	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6008	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6009	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C6010	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
R1104	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1105	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1107	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1111	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1140	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	
R1141	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1142	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1143	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1144	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1145	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R1146	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R1147	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R1149	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1151	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J	
R1152	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1222	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1229	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1251	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1252	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1253	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1254	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1255	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1256	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1257	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1258	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1259	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1260	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1261	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1262	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1265	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1266	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1267	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1268	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1269	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1270	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1271	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R1272	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R1273	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1274	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1275	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1276	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1277	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R1278	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R1279	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1280	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1281	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1284	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1285	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1291	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1292	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1611	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R1612	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R1613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1614	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1615	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R1616	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1619	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1622	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1623	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1624	QRJ146J-102X	UNF C RESISTOR	1kΩ 1/4W J	
R1625	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1626	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1627	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1628	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1629	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1630	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1631	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1632	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1633	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R1634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1641	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1642	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1643	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1646	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1648	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1649	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1651	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1652	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1653	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1661	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1662	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1663	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R1664	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1665	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
⚠R1666	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J	
⚠R1667	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J	
⚠R1668	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J	
⚠R1669	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J	
R1670	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1671	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1673	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1674	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1675	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1676	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1677	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1678	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1682	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1688	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1689	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6002	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6003	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6006	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6007	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R6008	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6009	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
L1661	QQL28AK-560	COIL	56uH K	
L1662	QQL28AK-560	COIL	56uH K	
CN100F	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN100T	QGF0508F1-40X	CONNECTOR	FFC/FPC (1-40)	
CN10FC	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
K1601	QQR0621-002Z	FERRITE BEADS		
K1602	QQR0621-002Z	FERRITE BEADS		
K1603	NQR0413-002X	FERRITE BEADS		
K1604	NQR0413-002X	FERRITE BEADS		
K1605	NQR0413-002X	FERRITE BEADS		
K1606	NQR0413-002X	FERRITE BEADS		
⚠TU1101	QAU0364-001	TUNER		

PRINTED WIRING BOARD PARTS LIST [HD-52Z585]

ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1005A-M2)

REFER TO PARTS LIST IN PAGE 3-13 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (SRP-2005A-M2)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

MAIN DRIVE P.W. BOARD ASSY (SRP-3005A-M2)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

FAN CONTROL P.W. BOARD ASS'Y (SRP-8105A-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8205A-M2)

REFER TO PARTS LIST IN PAGE 3-20 FOR THIS P.W. BOARD.

SUB DRIVE P.W. BOARD ASS'Y (SRP-8405A-M2)

REFER TO PARTS LIST IN PAGE 3-20 FOR THIS P.W. BOARD.

POWER P.W. BOARD ASS'Y (SRP-9005A-M2)

REFER TO PARTS LIST IN PAGE 3-21 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D005A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	MT46V2M32V1LG55	IC		
IC3502	MT46V2M32V1LG55	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV01-52Z585	IC	(SERVICE)	
IC4004	AT24C256-52Z585	IC	(SERVICE)	
IC4005	SN74LVC1G08V-X	IC		
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KPA	IC(MCU)		
IC7002	AT24C25652Z585D	IC	(SERVICE)	
IC7401	S-80828CLNB-W	IC		
IC7601	M306V7MG-088FP	IC(MCU)		
IC7602	AT24C16-52Z58/5	IC	(SERVICE)	
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC8001	SII9993CTG100	IC		
IC8002	S-24C02BFJ-X	IC		
IC8003	S-24C02BFJ-X	IC		
IC8004	SN74AHCT04PW-X	IC		
IC8005	S-80828CLNB-W	IC		
IC8006	TC74HC4066AFT-X	IC(DIGITAL)		
IC8008	AK4384VT-X	IC		
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q8002	2SK1228-X	MOS FET		
Q8003	2SK1228-X	MOS FET		
Q8004	DTC363TK-X	DIGI TRANSISTOR		
Q8005	UN2113-X	DIGI TRANSISTOR		
Q8006	UN2213-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	MA111-X	SI DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7204	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7601	MA111-X	SI DIODE		
D8001	BAV99L-X	SI DIODE		
D8002	BAV99L-X	SI DIODE		
D8003	NAF0013-001X	ESD-SURPPRESSOR		
D8004	NAF0013-001X	ESD-SURPPRESSOR		
D8005	NAF0013-001X	ESD-SURPPRESSOR		
D8006	NAF0013-001X	ESD-SURPPRESSOR		
D8007	NAF0013-001X	ESD-SURPPRESSOR		
D8008	NAF0013-001X	ESD-SURPPRESSOR		
D8009	NAF0013-001X	ESD-SURPPRESSOR		
D8010	NAF0013-001X	ESD-SURPPRESSOR		
D8016	MA111-X	SI DIODE		
D8017	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		

⚠Ref No.	Part No.	Part Name	Description	Local
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0303	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C0507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0514	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0515	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1502	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3097	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7026	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7027	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7614	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7615	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C7617	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C8001	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8002	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8004	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8007	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8009	NDC31HJ-101X	C CAPACITOR	100pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C8012	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8017	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8019	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8021	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8025	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8028	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8031	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8033	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8035	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8037	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C8038	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8039	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8040	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8043	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8044	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8046	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8048	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8050	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8053	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8054	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C8104	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8105	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8106	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8113	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8114	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8115	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8118	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8119	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8120	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9008	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9010	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9012	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C9112	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9208	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9210	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7053	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7055	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7061	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7073	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7663	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8004	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8005	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8010	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R8011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8012	NRSA63D-820X	MG RESISTOR	82Ω 1/16W D	
R8014	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R8015	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8016	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8017	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8018	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8019	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8020	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8023	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8028	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8032	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8036	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8067	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8069	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8070	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8071	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8072	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8079	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8080	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8083	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8084	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8090	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R8091	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8093	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8095	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9007	NQR0413-003X	FERRITE BEADS		
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9107	NQR0413-003X	FERRITE BEADS		
R9108	NQR0413-003X	FERRITE BEADS		
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9203	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NQR0413-003X	FERRITE BEADS		
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0101	NQL092K-2R2X	COIL	2.2uH K	
L0201	NQL092K-2R2X	COIL	2.2uH K	
L0301	NQL092K-2R2X	COIL	2.2uH K	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NQR0489-002X	FERRITE BEADS		
L1002	NQR0489-002X	FERRITE BEADS		
L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1006	NQR0489-002X	FERRITE BEADS		
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	COIL	1uH K	
L1201	NQL092K-6R8X	COIL	6.8uH K	
L1203	NQL092K-1R0X	COIL	1uH K	
L1301	NQL092K-6R8X	COIL	6.8uH K	
L1303	NQL092K-1R0X	COIL	1uH K	
L1401	NQL092K-6R8X	COIL	6.8uH K	
L1403	NQL092K-1R0X	COIL	1uH K	
L1501	NQL092K-4R7X	COIL	4.7uH K	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NQR0413-003X	FERRITE BEADS		
L3006	NQR0413-003X	FERRITE BEADS		
L3007	NQR0413-003X	FERRITE BEADS		
L3008	NQR0413-003X	FERRITE BEADS		
L3009	NQR0413-003X	FERRITE BEADS		
L3010	NQR0413-003X	FERRITE BEADS		
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NQR0413-003X	FERRITE BEADS		
L3501	NQR0413-003X	FERRITE BEADS		
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NQR0413-003X	FERRITE BEADS		

⚠Ref No.	Part No.	Part Name	Description	Local
L4003	NQR0413-003X	FERRITE BEADS		
L6501	NQR0351-001X	FERRITE BEADS		
L6508	NQR0504-001X	EMI FILTER		
L6509	NQR0504-001X	EMI FILTER		
L6510	NQR0504-001X	EMI FILTER		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L8009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8014	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8018	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COPULINK III	
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NQR0489-002X	FERRITE BEADS		
K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0501	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0502	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0504	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0506	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0507	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0508	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0514	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0515	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0516	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0517	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0518	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0524	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC7007	NQR0479-001X	EMI FILTER		
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3003	NAX0668-001X	CXO		
X4001	NAX0669-001X	C RESONATOR		
X7601	NAX0613-001X	C RESONATOR		

REAR JACK P.W. BOARD ASS'Y (SRP0J005A-M2)

REFER TO PARTS LIST IN PAGE 3-28 FOR THIS P.W. BOARD.

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L005A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (SRP0L105A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)

REFER TO PARTS LIST IN PAGE 3-29FOR THIS P.W. BOARD.

RECEIVER P.W. BOARD ASS'Y (SRP0R005A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

PRINTED WIRING BOARD PARTS LIST [HD-61Z575]

ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1005A-M2)

REFER TO PARTS LIST IN PAGE 3-13 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (SRP-2005A-M2)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

MAIN DRIVE P.W. BOARD ASSY (SRP-3005A-M2)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

FAN CONTROL P.W. BOARD ASS'Y (SRP-8105A-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8205A-M2)

REFER TO PARTS LIST IN PAGE 3-20 FOR THIS P.W. BOARD.

SUB DRIVE P.W. BOARD ASS'Y (SRP-8405A-M2)

REFER TO PARTS LIST IN PAGE 3-20 FOR THIS P.W. BOARD.

POWER P.W. BOARD ASS'Y (SRP-9005A-M2)

REFER TO PARTS LIST IN PAGE 3-21 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D008A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	MT46V2M32V1LG55	IC		
IC3502	MT46V2M32V1LG55	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV01-52Z585	IC	(SERVICE)	
IC4004	AT24C256-61Z575	IC	(SERVICE)	
IC4005	SN74LVC1G08V-X	IC		
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KPA	IC(MCU)		
IC7002	AT24C25661Z575D	IC	(SERVICE)	
IC7401	S-80828CLNB-W	IC		
IC7601	M306V7MG-088FP	IC(MCU)		
IC7602	AT24C16-61Z575	IC	(SERVICE)	
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC8001	SII9993CTG100	IC		
IC8002	S-24C02BFJ-X	IC		
IC8003	S-24C02BFJ-X	IC		
IC8004	SN74AHCT04PW-X	IC		
IC8005	S-80828CLNB-W	IC		
IC8006	TC74HC4066AFT-X	IC(DIGITAL)		
IC8008	AK4384VT-X	IC		
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q8002	2SK1228-X	MOS FET		
Q8003	2SK1228-X	MOS FET		
Q8004	DTC363TK-X	DIGI TRANSISTOR		
Q8005	UN2113-X	DIGI TRANSISTOR		
Q8006	UN2213-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	MA111-X	SI DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7204	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7601	MA111-X	SI DIODE		
D8001	BAV99L-X	SI DIODE		
D8002	BAV99L-X	SI DIODE		
D8003	NAF0013-001X	ESD-SURPPRESSOR		
D8004	NAF0013-001X	ESD-SURPPRESSOR		
D8005	NAF0013-001X	ESD-SURPPRESSOR		
D8006	NAF0013-001X	ESD-SURPPRESSOR		
D8007	NAF0013-001X	ESD-SURPPRESSOR		
D8008	NAF0013-001X	ESD-SURPPRESSOR		
D8009	NAF0013-001X	ESD-SURPPRESSOR		
D8010	NAF0013-001X	ESD-SURPPRESSOR		
D8016	MA111-X	SI DIODE		
D8017	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		

⚠Ref No.	Part No.	Part Name	Description	Local
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0303	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C0507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0514	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0515	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1502	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3097	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7026	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7027	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7614	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7615	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C7617	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C8001	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8002	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8004	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8007	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8009	NDC31HJ-101X	C CAPACITOR	100pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C8012	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8017	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8019	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8021	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8025	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8028	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8031	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8033	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8035	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8037	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C8038	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8039	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8040	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8043	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8044	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8046	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8048	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8050	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8053	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8054	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C8104	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8105	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8106	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8113	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8114	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8115	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8118	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8119	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8120	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9008	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9010	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9012	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C9112	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9208	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9210	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7053	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7055	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7061	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7073	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7663	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8004	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8005	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8010	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R8011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8012	NRSA63D-820X	MG RESISTOR	82Ω 1/16W D	
R8014	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R8015	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8016	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8017	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8018	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8019	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8020	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8023	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8028	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8032	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8036	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8067	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8069	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8070	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8071	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8072	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8079	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8080	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8083	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8084	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8090	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R8091	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8093	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8095	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9007	NQR0413-003X	FERRITE BEADS		
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9107	NQR0413-003X	FERRITE BEADS		
R9108	NQR0413-003X	FERRITE BEADS		
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9203	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R9207	NQR0413-003X	FERRITE BEADS		
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0101	NQL092K-2R2X	COIL	2.2uH K	
L0201	NQL092K-2R2X	COIL	2.2uH K	
L0301	NQL092K-2R2X	COIL	2.2uH K	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NQR0489-002X	FERRITE BEADS		
L1002	NQR0489-002X	FERRITE BEADS		
L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1006	NQR0489-002X	FERRITE BEADS		
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	COIL	1uH K	
L1201	NQL092K-6R8X	COIL	6.8uH K	
L1203	NQL092K-1R0X	COIL	1uH K	
L1301	NQL092K-6R8X	COIL	6.8uH K	
L1303	NQL092K-1R0X	COIL	1uH K	
L1401	NQL092K-6R8X	COIL	6.8uH K	
L1403	NQL092K-1R0X	COIL	1uH K	
L1501	NQL092K-4R7X	COIL	4.7uH K	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NQR0413-003X	FERRITE BEADS		
L3006	NQR0413-003X	FERRITE BEADS		
L3007	NQR0413-003X	FERRITE BEADS		
L3008	NQR0413-003X	FERRITE BEADS		
L3009	NQR0413-003X	FERRITE BEADS		
L3010	NQR0413-003X	FERRITE BEADS		
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NQR0413-003X	FERRITE BEADS		
L3501	NQR0413-003X	FERRITE BEADS		
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NQR0413-003X	FERRITE BEADS		

⚠Ref No.	Part No.	Part Name	Description	Local
L4003	NQR0413-003X	FERRITE BEADS		
L6501	NQR0351-001X	FERRITE BEADS		
L6508	NQR0504-001X	EMI FILTER		
L6509	NQR0504-001X	EMI FILTER		
L6510	NQR0504-001X	EMI FILTER		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L8009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8014	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8018	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINKIII	
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NQR0489-002X	FERRITE BEADS		
K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0501	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0502	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0504	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0506	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0507	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0508	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0514	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0515	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0516	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0517	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0518	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0524	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC7007	NQR0479-001X	EMI FILTER		
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3003	NAX0668-001X	CXO		
X4001	NAX0669-001X	C RESONATOR		
X7601	NAX0613-001X	C RESONATOR		

REAR JACK P.W. BOARD ASS'Y (SRP0J005A-M2)

REFER TO PARTS LIST IN PAGE 3-28 FOR THIS P.W. BOARD.

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L005A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (SRP0L105A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)

REFER TO PARTS LIST IN PAGE 3-29FOR THIS P.W. BOARD.

RECEIVER P.W. BOARD ASS'Y (SRP0R005A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

PRINTED WIRING BOARD PARTS LIST [HD-61Z585]

ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1005A-M2)

REFER TO PARTS LIST IN PAGE 3-13 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (SRP-2005A-M2)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

MAIN DRIVE P.W. BOARD ASSY (SRP-3005A-M2)

REFER TO PARTS LIST IN PAGE 3-15 FOR THIS P.W. BOARD.

REMOTE SENSOR P.W. BOARD ASS'Y (SRP-8005A-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

FAN CONTROL P.W. BOARD ASS'Y (SRP-8105A-M2)

REFER TO PARTS LIST IN PAGE 3-19 FOR THIS P.W. BOARD.

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8205A-M2)

REFER TO PARTS LIST IN PAGE 3-20 FOR THIS P.W. BOARD.

SUB DRIVE P.W. BOARD ASS'Y (SRP-8405A-M2)

REFER TO PARTS LIST IN PAGE 3-20 FOR THIS P.W. BOARD.

POWER P.W. BOARD ASS'Y (SRP-9005A-M2)

REFER TO PARTS LIST IN PAGE 3-21 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D006A-M2)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	MT46V2M32V1LG55	IC		
IC3502	MT46V2M32V1LG55	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV01-52Z585	IC	(SERVICE)	
IC4004	AT24C256-61Z585	IC	(SERVICE)	
IC4005	SN74LVC1G08V-X	IC		
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KPA	IC(MCU)		
IC7002	AT24C25661Z585D	IC	(SERVICE)	
IC7401	S-80828CLNB-W	IC		
IC7601	M306V7MG-088FP	IC(MCU)		
IC7602	AT24C16-61Z585	IC	(SERVICE)	
IC7603	SN74LVC1G04V-X	IC		
IC7607	MM1510XN-X	IC		
IC7608	MM1510XN-X	IC		
IC8001	SII9993CTG100	IC		
IC8002	S-24C02BFJ-X	IC		
IC8003	S-24C02BFJ-X	IC		
IC8004	SN74AHCT04PW-X	IC		
IC8005	S-80828CLNB-W	IC		
IC8006	TC74HC4066AFT-X	IC(DIGITAL)		
IC8008	AK4384VT-X	IC		
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q8002	2SK1228-X	MOS FET		
Q8003	2SK1228-X	MOS FET		
Q8004	DTC363TK-X	DIGI TRANSISTOR		
Q8005	UN2113-X	DIGI TRANSISTOR		
Q8006	UN2213-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	MA111-X	SI DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7204	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7601	MA111-X	SI DIODE		
D8001	BAV99L-X	SI DIODE		
D8002	BAV99L-X	SI DIODE		
D8003	NAF0013-001X	ESD-SURPPRESSOR		
D8004	NAF0013-001X	ESD-SURPPRESSOR		
D8005	NAF0013-001X	ESD-SURPPRESSOR		
D8006	NAF0013-001X	ESD-SURPPRESSOR		
D8007	NAF0013-001X	ESD-SURPPRESSOR		
D8008	NAF0013-001X	ESD-SURPPRESSOR		
D8009	NAF0013-001X	ESD-SURPPRESSOR		
D8010	NAF0013-001X	ESD-SURPPRESSOR		
D8016	MA111-X	SI DIODE		
D8017	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		

⚠Ref No.	Part No.	Part Name	Description	Local
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0303	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C0507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C0511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0514	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C0515	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1001	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1021	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1026	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1034	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1502	NEN51EM-106X	BP E CAPACITOR	10uF 25V M	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3097	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3105	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3121	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3122	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3123	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3124	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3125	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7012	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7026	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7027	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7203	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7601	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C7602	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C7603	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7607	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7608	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C7609	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C7610	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7611	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7614	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7615	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C7617	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7618	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7619	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7621	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7622	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C8001	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8002	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8004	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8005	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8007	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8009	NDC31HJ-101X	C CAPACITOR	100pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C8012	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8017	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8019	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8021	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8025	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8028	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8031	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8033	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8035	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8037	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C8038	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8039	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8040	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8043	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8044	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8046	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8048	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8050	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8053	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C8054	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C8104	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8105	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8106	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C8112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8113	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8114	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C8115	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8118	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C8119	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8120	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9008	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9010	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9012	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C9112	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9208	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9210	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0109	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1011	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6521	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6538	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7053	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7055	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7060	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7061	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7073	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7142	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7607	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7608	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R7610	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7612	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
R7613	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7614	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7656	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7658	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7659	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7660	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7661	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7663	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7664	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7680	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7681	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7685	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7686	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7688	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7689	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7690	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R8001	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8004	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8005	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8010	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R8011	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8012	NRSA63D-820X	MG RESISTOR	82Ω 1/16W D	
R8014	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R8015	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8016	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8017	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8018	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8019	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R8020	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8023	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8026	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8028	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8032	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8036	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8067	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8069	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8070	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8071	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8072	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8079	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8080	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8083	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8084	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8090	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R8091	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8093	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8095	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9007	NQR0413-003X	FERRITE BEADS		
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9107	NQR0413-003X	FERRITE BEADS		
R9108	NQR0413-003X	FERRITE BEADS		
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9203	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NQR0413-003X	FERRITE BEADS		
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4007	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4008	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4011	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA4012	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7601	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7602	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7603	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7604	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RA7605	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J	
RB7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7614	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB7615	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L0101	NQL092K-2R2X	COIL	2.2uH K	
L0201	NQL092K-2R2X	COIL	2.2uH K	
L0301	NQL092K-2R2X	COIL	2.2uH K	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NQR0489-002X	FERRITE BEADS		
L1002	NQR0489-002X	FERRITE BEADS		
L1003	NQL092K-1R5X	CHIP P COIL	1.5uH K	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1006	NQR0489-002X	FERRITE BEADS		
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	COIL	1uH K	
L1201	NQL092K-6R8X	COIL	6.8uH K	
L1203	NQL092K-1R0X	COIL	1uH K	
L1301	NQL092K-6R8X	COIL	6.8uH K	
L1303	NQL092K-1R0X	COIL	1uH K	
L1401	NQL092K-6R8X	COIL	6.8uH K	
L1403	NQL092K-1R0X	COIL	1uH K	
L1501	NQL092K-4R7X	COIL	4.7uH K	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NQR0413-003X	FERRITE BEADS		
L3006	NQR0413-003X	FERRITE BEADS		
L3007	NQR0413-003X	FERRITE BEADS		
L3008	NQR0413-003X	FERRITE BEADS		
L3009	NQR0413-003X	FERRITE BEADS		
L3010	NQR0413-003X	FERRITE BEADS		
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NQR0413-003X	FERRITE BEADS		
L3501	NQR0413-003X	FERRITE BEADS		
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NQR0413-003X	FERRITE BEADS		

⚠Ref No.	Part No.	Part Name	Description	Local
L4003	NQR0413-003X	FERRITE BEADS		
L6501	NQR0351-001X	FERRITE BEADS		
L6508	NQR0504-001X	EMI FILTER		
L6509	NQR0504-001X	EMI FILTER		
L6510	NQR0504-001X	EMI FILTER		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L8009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8014	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L8018	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0FC	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINKIII	
K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NQR0489-002X	FERRITE BEADS		
K6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6010	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0501	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0502	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0504	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0506	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0507	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0508	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0514	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0515	NQR0416-002X	EMI FILTER	84pF 16V M	
LC0516	NQR0416-001X	EMI FILTER	240pF 16V M	

⚠Ref No.	Part No.	Part Name	Description	Local
LC0517	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0518	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC0524	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0525	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0526	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC7007	NQR0479-001X	EMI FILTER		
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3003	NAX0668-001X	CXO		
X4001	NAX0669-001X	C RESONATOR		
X7601	NAX0613-001X	C RESONATOR		

REAR JACK P.W. BOARD ASS'Y (SRP0J005A-M2)

REFER TO PARTS LIST IN PAGE 3-28 FOR THIS P.W. BOARD.

SIDE CONTROL P.W. BOARD ASS'Y (SRP0L005A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (SRP0L105A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)

REFER TO PARTS LIST IN PAGE 3-29FOR THIS P.W. BOARD.

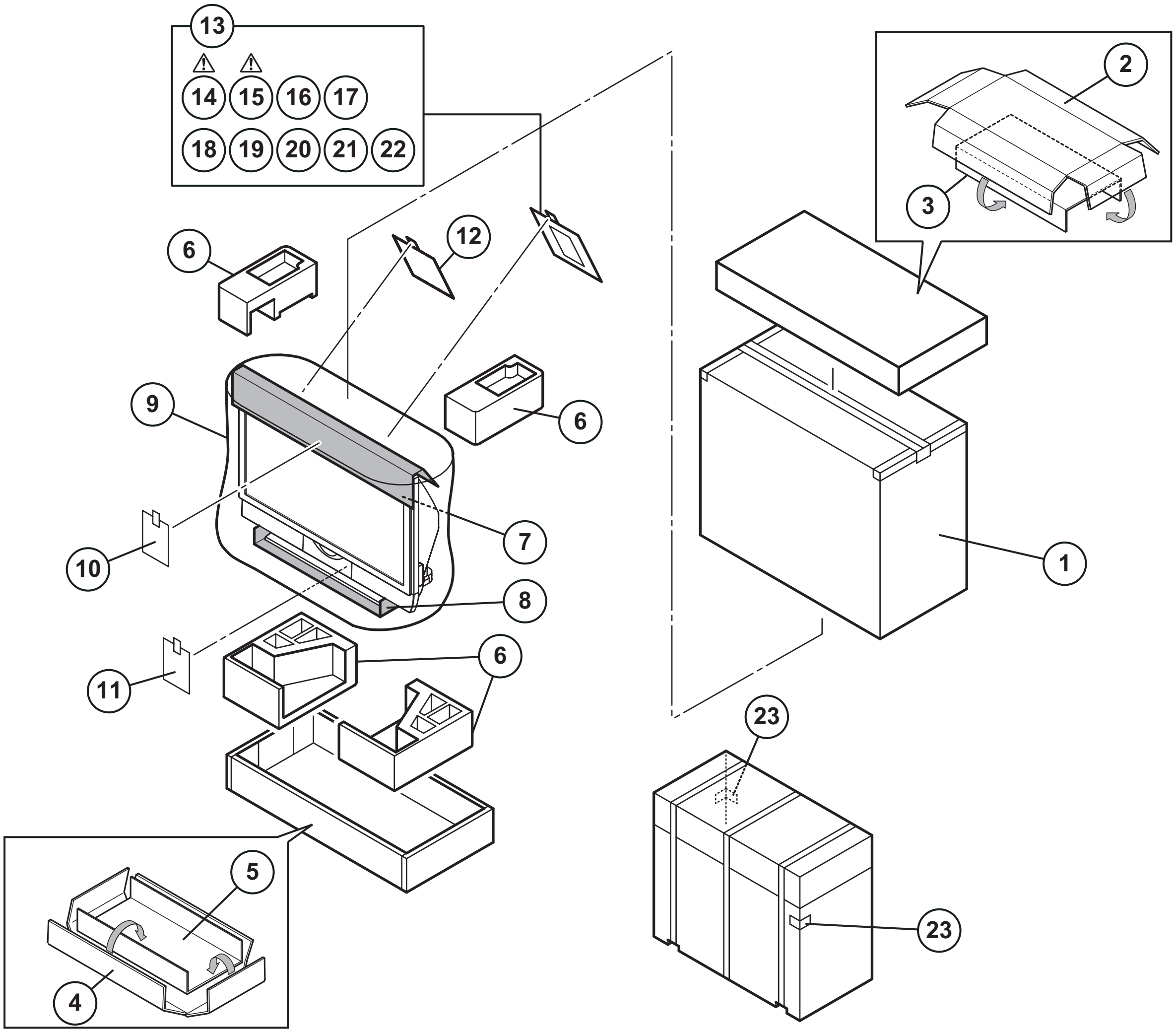
RECEIVER P.W. BOARD ASS'Y (SRP0R005A-M2)

REFER TO PARTS LIST IN PAGE 3-29 FOR THIS P.W. BOARD.

REMOTE CONTROL UNIT PARTS LIST (RM-C15G-1H)

⚠ Ref No.	Part No.	Part Name	Description	Local
	UR77EC1403A	BATTERY COVER		

PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC12022-001A-A	PACKING CASE		HD-52Z575,HD-52Z585
	1	LC12022-002A-A	PACKING CASE		HD-61Z575,HD-61Z585
	2	LC12031-001A-A	TOP CASE		HD-52Z575,HD-52Z585
	2	LC12031-002A-A	TOP CASE		HD-61Z575,HD-61Z585
	3	LC12060-001A-A	TOP PAD		HD-52Z575,HD-52Z585
	3	LC12060-003A-A	TOP PAD		HD-61Z575,HD-61Z585
	4	LC12023-001A-A	BOTTOM CASE		HD-52Z575,HD-52Z585
	4	LC12023-002A-A	BOTTOM CASE		HD-61Z575,HD-61Z585
	5	LC12060-002A-A	BOTTOM PAD		HD-52Z575,HD-52Z585
	5	LC12060-004A-A	BOTTOM PAD		HD-61Z575,HD-61Z585
	6	LC11878-002A-A	CUSHION ASSY	4pcs in 1set	HD-52Z575,HD-52Z585
	6	LC11919-002A-A	CUSHION ASSY	4pcs in 1set	HD-61Z575,HD-61Z585
	7	CP30055-007-A	TOP COVER		
	8	CP30055-A02-A	BOTTOM COVER		
	9	LC32833-001A-A	POLY BAG		HD-52Z575,HD-52Z585
	9	CP30056-012-A	POLY BAG		HD-61Z575,HD-61Z585
	10	LCT1711-001A-A	INST SHEET	Notice(HANDLING)	
	11	LCT1728-001B-A	INST SHEET	Notes(POWER ON/OFF)	
	12	LCT1721-001A-A	INST SHEET	Important Notice(COOL DOWN)	
	13	QPA02503505	POLY BAG	25cm x 35cm	
⚠	14	LCT1611-001A-A	INST BOOK	English	
⚠	15	LCT1612-001A-A	INST BOOK	French	
	16	GQ40028-001A-A	INST SHEET		
	17	LCT1717-001A-A	INST SHEET	Additional Information	
	18	LCT1724-001A-A	INST SHEET	Correction(AUTO DEMO)	
	19	LCT1725-001A-A	INST SHEET	Correction(DEMENSIONS)	
	20	BT-51034-2Q	REGIST. CARD		
	21	RM-C15G-1H	REMOCON UNIT		
	22	------------	BATTERY	R6P/AA(x2)	
	23	GQ30037-001A-A	CORNER LABEL	2pcs in 1set	